

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 106  | ((HFC-32 or difluoroethane or R-32 or (hydrofluorocarbon adj "32") or HFC32) and ("CF.sub.3I." or (trifluoromethyl adj iodide) or iodotrifluoromethane or monoiodotrifluoromethane or (perfluoromethyl adj iodide) or (TRIFLUOROMETHYL adj IODIDE) or IODOTRIFLUOROMETHANE or MONOIODOTRIFLUOROMETHANE or (PERFLUOROMETHYL adj IODIDE) or CF3I or TRIFLUOROIODOMETHANE or trifluoroiodomethane))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/02 13:08 |
| S2    | 15   | ((HFC-32 or difluoroethane or R-32 or (hydrofluorocarbon adj "32") or HFC32) and ("CF.sub.3I." or (trifluoromethyl adj iodide) or iodotrifluoromethane or monoiodotrifluoromethane or (perfluoromethyl adj iodide) or (TRIFLUOROMETHYL adj IODIDE) or IODOTRIFLUOROMETHANE or MONOIODOTRIFLUOROMETHANE or (PERFLUOROMETHYL adj IODIDE) or CF3I or TRIFLUOROIODOMETHANE or trifluoroiodomethane))             | USOCR;<br>EPO; JPO;<br>DERWENT                        | OR               | OFF     | 2006/03/02 13:00 |
| S3    | 93   | S1 and (@ad<="20040416" or @prad<="20040416")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/02 13:01 |
| S4    | 21   | ((("20050233933") or ("20060033071") or ("20060019857") or ("20060022166") or ("20060043330") or ("20060025322") or ("6270689") or ("6649079") or ("20030178597") or ("20040256594") or ("20050233923") or ("6843930") or ("20040021124") or ("5562861") or ("5444102") or ("6526764") or ("20050230657") or ("5674451") or ("5611210") or ("5685915") or ("6875370")).PN.                                   | US-PGPUB;<br>USPAT                                    | OR               | OFF     | 2006/03/02 13:01 |
| S5    | 14   | S4 and (@ad<="20040416" or @prad<="20040416")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/02 13:07 |
| S6    | 2    | S4 and (@ad="20040416" or @prad="20040416")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/02 13:08 |
| S7    | 0    | S6 and ((HFC-32 or difluoroethane or R-32 or (hydrofluorocarbon adj "32") or HFC32) and ("CF.sub.3I." or (trifluoromethyl adj iodide) or iodotrifluoromethane or monoiodotrifluoromethane or (perfluoromethyl adj iodide) or (TRIFLUOROMETHYL adj IODIDE) or IODOTRIFLUOROMETHANE or MONOIODOTRIFLUOROMETHANE or (PERFLUOROMETHYL adj IODIDE) or CF3I or TRIFLUOROIODOMETHANE or trifluoroiodomethane)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/02 13:08 |

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal751gxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUIDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA  
NEWS 15 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist  
visualization results  
NEWS 16 FEB 22 Status of current WO (PCT) information on STN  
NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 19 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 20 FEB 28 MEDLINE/LMEDLINE reload improves functionality  
NEWS 21 FEB 28 TOXCENTER reloaded with enhancements  
NEWS 22 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral  
property data  
NEWS 23 MAR 01 INSPEC reloaded and enhanced  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:32:45 ON 02 MAR 2006

=> s difluoroethane/cn

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 0.21             | 0.21          |

FILE 'REGISTRY' ENTERED AT 11:33:07 ON 02 MAR 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAR 2006 HIGHEST RN 875609-25-9

DICTIONARY FILE UPDATES: 1 MAR 2006 HIGHEST RN 875609-25-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s difluoroethane/cn

L1 1 DIFLUOROETHANE/CN

=> s trifluoromethyl iodide/cn

L2 1 TRIFLUOROMETHYL IODIDE/CN

=> file caplus,uspatful

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 9.96             | 10.17         |

FILE 'CAPLUS' ENTERED AT 11:33:34 ON 02 MAR 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 11:33:34 ON 02 MAR 2006

CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1 and l2  
L3 0 L1 AND L2

=> s l1  
L4 214 L1

=> s l2  
L5 2027 L2

=> s l4 and l5  
L6 0 L4 AND L5

| => file reg          |                  |               |
|----------------------|------------------|---------------|
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST  | 1.97             | 12.14         |

FILE 'REGISTRY' ENTERED AT 11:34:05 ON 02 MAR 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAR 2006 HIGHEST RN 875609-25-9  
DICTIONARY FILE UPDATES: 1 MAR 2006 HIGHEST RN 875609-25-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d his

(FILE 'HOME' ENTERED AT 11:32:45 ON 02 MAR 2006)

FILE 'REGISTRY' ENTERED AT 11:33:07 ON 02 MAR 2006

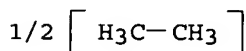
L1 1 S DIFLUOROETHANE/CN  
L2 1 S TRIFLUOROMETHYL IODIDE/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 11:33:34 ON 02 MAR 2006

L3 0 S L1 AND L2  
L4 214 S L1  
L5 2027 S L2  
L6 0 S L4 AND L5

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 25497-28-3 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Ethane, difluoro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Difluoroethane  
 MF C2 H4 F2  
 CI IDS, COM  
 LC STN Files: BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, CIN, DETHERM\*,  
 ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB,  
 NIOSHTIC, PDLCOM\*, PIRA, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)



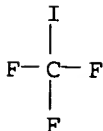
D1-F

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

164 REFERENCES IN FILE CA (1907 TO DATE)  
 164 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 2314-97-8 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Methane, trifluoroiodo- (6CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Freon 13I1  
 CN Iodotrifluoromethane  
 CN Monoiodotrifluoromethane  
 CN Perfluoromethyl iodide  
 CN R 13I1  
 CN Trifluoroiodomethane  
 CN Trifluoromethyl iodide  
 FS 3D CONCORD  
 DR 263005-66-9  
 MF C F3 I  
 CI COM  
 LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DETHERM\*, DIPPR\*,  
 GMELIN\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, PROMT, PS, RTECS\*,  
 SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1837 REFERENCES IN FILE CA (1907 TO DATE)  
12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1839 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
88 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d his

(FILE 'HOME' ENTERED AT 11:32:45 ON 02 MAR 2006)

FILE 'REGISTRY' ENTERED AT 11:33:07 ON 02 MAR 2006

L1 1 S DIFLUOROETHANE/CN  
L2 1 S TRIFLUOROMETHYL IODIDE/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 11:33:34 ON 02 MAR 2006

L3 0 S L1 AND L2  
L4 214 S L1  
L5 2027 S L2  
L6 0 S L4 AND L5

FILE 'REGISTRY' ENTERED AT 11:34:05 ON 02 MAR 2006

=> d l4 ti,pi

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, USPATFULL' - CONTINUE? (Y)/N:y

L4 ANSWER 1 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Making polyurethane and polyisocyanurate foams, mixtures of a hydrofluorocarbon and methyl formate as a blowing agent, polyol premix of reduced vapor pressure

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| US 2005277701   | A1   | 20051215 | US 2004-868400  | 20040615 |
| WO 2006002043   | A1   | 20060105 | WO 2005-US20929 | 20050614 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  |      |          |                 |          |

=> d l4 ti,pi 1-

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, USPATFULL' - CONTINUE? (Y)/N:y

YOU HAVE REQUESTED DATA FROM 214 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Making polyurethane and polyisocyanurate foams, mixtures of a hydrofluorocarbon and methyl formate as a blowing agent, polyol premix of reduced vapor pressure

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| US 2005277701  | A1   | 20051215 | US 2004-868400  | 20040615 |
| WO 2006002043  | A1   | 20060105 | WO 2005-US20929 | 20050614 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, |      |          |                 |          |

NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,  
 SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,  
 ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM,  
 KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG,  
 KZ, MD, RU, TJ, TM

L4 ANSWER 2 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Procedure for processing hollow glassware, particularly a bottle  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 -----  
 PI AT 200300941 A5 20040615 AT 2003-941 20030617  
 AT 412341 B 20050125

L4 ANSWER 3 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Preparation method and equipment of difluorochloroethane  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 -----  
 PI CN 1556083 A 20041222 CN 2004-10015778 20040109

L4 ANSWER 4 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Refrigerant composition with lubricant  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 -----  
 PI WO 2005042679 A1 20050512 WO 2004-US34724 20041020  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG  
 US 2005109977 A1 20050526 US 2004-969621 20041020

L4 ANSWER 5 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Closed cycle refrigeration system and mixed component refrigerant  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 -----  
 PI US 2005086950 A1 20050428 US 2003-694699 20031028

L4 ANSWER 6 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Improvements in or relating to aerosol formulations comprising formoterol  
 fumarate dihydrate  
 PATENT NO. KIND DATE APPLICATION NO. DATE  
 -----  
 PI WO 2005034927 A2 20050421 WO 2004-IB3465 20041008  
 WO 2005034927 A3 20050602  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

L4 ANSWER 7 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Consolidation heat treating atmospheres for manufacture of sol-gel-derived  
 halogen-doped optical glass  
 PATENT NO. KIND DATE APPLICATION NO. DATE

| PI            | PATENT NO. | KIND     | DATE           | APPLICATION NO. | DATE |
|---------------|------------|----------|----------------|-----------------|------|
| US 2004194511 | A1         | 20041007 | US 2004-771176 | 20040203        |      |
| US 2003147605 | A1         | 20030807 | US 2002-62748  | 20020201        |      |
| US 6928220    | B2         | 20050809 |                |                 |      |
| US 2003147606 | A1         | 20030807 | US 2002-215162 | 20020807        |      |

L4 ANSWER 8 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Polyol compositions containing polyether or polyester polyols and polyisocyanate-based foams prepared therefrom

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| EP 1435366  | A1   | 20040707 | EP 2003-250046  | 20030103 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
| CA 2511811  | AA   | 20040729 | CA 2003-2511811 | 20031223 |
| WO 2004063243   | A1   | 20040729 | WO 2003-US41607 | 20031223 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| BR 2003017211   | A    | 20051101 | BR 2003-17211   | 20031223 |

L4 ANSWER 9 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Materials and methods for the conversion of hydrofluorocarbons to fluoromonomers

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| US 2004127757   | A1   | 20040701 | US 2002-331821  | 20021230 |
| CA 2511887  | AA   | 20040722 | CA 2003-2511887 | 20031230 |
| WO 2004060842   | A1   | 20040722 | WO 2003-US41851 | 20031230 |
| WO 2004060842   | C1   | 20041021 |                 |          |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| EP 1581468  | A1   | 20051005 | EP 2003-815021  | 20031230 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
| US 2005288536   | A1   | 20051229 | US 2005-218055  | 20050831 |

L4 ANSWER 10 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Plasma device and procedure for anisotropic etching in of structures in a substrate

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|---|------|----------|------------------|----------|
| DE 10247913   | A1   | 20040422 | DE 2002-10247913 | 20021014 |
| WO 2004036627   | A2   | 20040429 | WO 2003-DE2971   | 20030909 |
| WO 2004036627   | A3   | 20040722 |                  |          |
| W: JP, US   |      |          |                  |          |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR    |      |          |                  |          |
| EP 1554747  | A2   | 20050720 | EP 2003-753277   | 20030909 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK |      |          |                  |          |
| JP 2006503425   | T2   | 20060126 | JP 2004-543938   | 20030909 |

L4 ANSWER 11 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN



| TI | Procedure for the plasma anisotropic etching of a silicon substrate   |      |          |                  |          |
|----|---|------|----------|------------------|----------|
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | DE 10246063   | A1   | 20040422 | DE 2002-10246063 | 20021002 |
| L4 | ANSWER 12 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Method for plasma etching performance enhancement in semiconductor device fabrication   |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | US 2004072443   | A1   | 20040415 | US 2002-295601   | 20021114 |
|    | US 6833325  | B2   | 20041221 |                  |          |
|    | US 2004072430   | A1   | 20040415 | US 2003-674675   | 20030929 |
|    | WO 2004034445   | A2   | 20040422 | WO 2003-US31712  | 20031006 |
|    | WO 2004034445   | A3   | 20040812 |                  |          |
|    | WO 2004034445   | B1   | 20040930 |                  |          |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                  |          |
|    | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                  |          |
|    | AU 2003282718   | A1   | 20040504 | AU 2003-282718   | 20031006 |
|    | EP 1550153  | A2   | 20050706 | EP 2003-774602   | 20031006 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                  |          |
|    | US 2005037624   | A1   | 20050217 | US 2004-946181   | 20040920 |
| L4 | ANSWER 13 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Method for etching photolithographic reticles   |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | JP 2004038154   | A2   | 20040205 | JP 2003-136222   | 20030514 |
|    | US 2004072081   | A1   | 20040415 | US 2003-437729   | 20030513 |
| L4 | ANSWER 14 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Safety tires having good durability and riding comfort  |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | JP 2003118311   | A2   | 20030423 | JP 2002-94474    | 20020329 |
| L4 | ANSWER 15 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Silicon dioxide etching yield measurements with inductively coupled fluorocarbon plasmas  |      |          |                  |          |
| L4 | ANSWER 16 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Speed-of-sound, ideal-gas heat capacity, and second acoustic virial coefficient for mixing refrigerant difluoroethane (HFC152a) + difluoromethane (HCFC22)  |      |          |                  |          |
| L4 | ANSWER 17 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Resistive plate chambers for muon detection at LHC  |      |          |                  |          |
| L4 | ANSWER 18 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Heat transfer fluids useable for cooling items, such as optical fibers  |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | WO 2002074709   | A1   | 20020926 | WO 2002-EP3030   | 20020314 |
|    | W: AU, BR, CN, IN, JP   |      |          |                  |          |
|    | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR  |      |          |                  |          |
|    | EP 1373153  | A1   | 20040102 | EP 2002-753572   | 20020314 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR   |      |          |                  |          |
|    | CN 1496340  | A    | 20040512 | CN 2002-806445   | 20020314 |

|               |    |          |                |          |
|---------------|----|----------|----------------|----------|
| US 2004227125 | A1 | 20041118 | US 2004-874079 | 20040622 |
| US 2005218371 | A1 | 20051006 | US 2005-130331 | 20050517 |

L4 ANSWER 19 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Algorithmically Compressed Data and the Topological Conjecture for the Inner-Core Electrons

L4 ANSWER 20 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Substrate cleaning apparatus and method

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | US 2002072016  | A1   | 20020613 | US 2000-737373  | 20001213 |
|    | US 6692903   | B2   | 20040217 |                 |          |
|    | WO 2002049078  | A2   | 20020620 | WO 2001-US48273 | 20011210 |
|    | WO 2002049078  | A3   | 20021024 |                 |          |
|    | W: CN, JP, KR, SG  |      |          |                 |          |
|    | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR |      |          |                 |          |

L4 ANSWER 21 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Hydrocarbon-based refrigerant mixture composition for replacing R-12 and R-22 refrigerants

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | KR 2000036953 | A    | 20000705 | KR 2000-17251   | 20000403 |

L4 ANSWER 22 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Formulations of mometasone and a bronchodilator for pulmonary administration

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | WO 2002011711   | A2   | 20020214 | WO 2001-US24093 | 20010801 |
|    | WO 2002011711   | A3   | 20030227 |                 |          |
|    | WO 2002011711   | B1   | 20040422 |                 |          |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW |      |          |                 |          |
|    | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|    | CA 2417973  | AA   | 20020214 | CA 2001-2417973 | 20010801 |
|    | AU 2001078115   | A5   | 20020218 | AU 2001-78115   | 20010801 |
|    | US 2002076382   | A1   | 20020620 | US 2001-920340  | 20010801 |
|    | EP 1311294  | A2   | 20030521 | EP 2001-956079  | 20010801 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR   |      |          |                 |          |
|    | US 2004198708   | A1   | 20041007 | US 2004-824711  | 20040414 |

L4 ANSWER 23 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Detection of fluorine containing gas compounds

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | JP 2002022725 | A2   | 20020123 | JP 2000-209708  | 20000711 |
|    | JP 3640601    | B2   | 20050420 |                 |          |

L4 ANSWER 24 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Additivity of the Correlation Energy in Some 3D Organic Molecules

L4 ANSWER 25 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Fluorohydrocarbon etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | WO 2002003439 | A2   | 20020110 | WO 2001-US41275 | 20010705 |

WO 2002003439 A3 20020606  
 WO 2002003439 C1 20020704  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 EP 1297564 A2 20030402 EP 2001-956164 20010705  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 JP 2004503082 T2 20040129 JP 2002-507425 20010705

L4 ANSWER 26 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Fabrication of electric circuits by reactive-gas etching of masked metal layers on substrates

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2001096955   | A2   | 20011220 | WO 2001-US19282 | 20010615 |
| WO 2001096955   | A3   | 20021128 |                 |          |
| W: JP, US   |      |          |                 |          |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR    |      |          |                 |          |
| EP 1290495  | A2   | 20030312 | EP 2001-946420  | 20010615 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR |      |          |                 |          |
| JP 2004503829   | T2   | 20040205 | JP 2002-511020  | 20010615 |
| US 2003003374   | A1   | 20030102 | US 2001-24958   | 20011218 |

L4 ANSWER 27 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI High-density plasma etching of carbon-based low-k materials in an integrated circuit

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 6284149 | B1   | 20010904 | US 1998-156956  | 19980918 |

L4 ANSWER 28 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Flower-like capacitor structure for a memory cell

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 6281542 | B1   | 20010828 | US 1999-249840  | 19990215 |
| US 5973350 | A    | 19991026 | US 1998-60565   | 19980414 |

L4 ANSWER 29 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Apparatus for providing ozonated process fluid and methods for using same

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|---|------|----------|------------------|----------|
| WO 2001040124   | A1   | 20010607 | WO 2000-US42449  | 20001201 |
| WO 2001040124   | C2   | 20020808 |                  |          |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                  |          |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                  |          |
| US 2002066717   | A1   | 20020606 | US 2000-727661   | 20001201 |
| TW 490757   | B    | 20020611 | TW 2000-89125686 | 20010108 |

L4 ANSWER 30 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Cooling agent

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| RU 2135541 | C1   | 19990827 | RU 1997-120359  | 19971210 |

L4 ANSWER 31 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Fluoroethane etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed for semiconductor devices

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | US 6117791    | A    | 20000912 | US 1998-102152  | 19980622 |
|    | US 6537922    | B1   | 20030325 | US 2000-625144  | 20000725 |
|    | US 6875371    | B1   | 20050405 | US 2000-711324  | 20001113 |
|    | US 2003203639 | A1   | 20031030 | US 2003-396164  | 20030325 |

L4 ANSWER 32 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Evaluation of pentafluoroethane and 1,1-difluoroethane for a dielectric etch application in an inductively coupled plasma etch tool

L4 ANSWER 33 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Topical sprays containing film-forming polymers

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | WO 2000045795   | A2   | 20000810 | WO 2000-GB366   | 20000207 |
|    | WO 2000045795   | A3   | 20010809 |                 |          |
|    | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW<br>RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |      |          |                 |          |
|    | IN 186668   | A    | 20011020 | IN 1999-BO93    | 19990205 |
|    | CA 2359640  | AA   | 20000810 | CA 2000-2359640 | 20000207 |
|    | AU 2000024472   | A5   | 20000825 | AU 2000-24472   | 20000207 |
|    | AU 759515   | B2   | 20030417 |                 |          |
|    | BR 2000007997   | A    | 20011030 | BR 2000-7997    | 20000207 |
|    | EP 1150661  | A2   | 20011107 | EP 2000-902727  | 20000207 |
|    | EP 1150661  | B1   | 20031022 |                 |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO   |      |          |                 |          |
|    | JP 2002536319   | T2   | 20021029 | JP 2000-596915  | 20000207 |
|    | NZ 513208   | A    | 20030530 | NZ 2000-513208  | 20000207 |
|    | AT 252380   | E    | 20031115 | AT 2000-902727  | 20000207 |
|    | PT 1150661  | T    | 20040227 | PT 2000-902727  | 20000207 |
|    | ES 2209812  | T3   | 20040701 | ES 2000-902727  | 20000207 |
|    | US 6962691  | B1   | 20051108 | US 2000-503843  | 20000215 |
|    | ZA 2000005727   | A    | 20001221 | ZA 2000-5727    | 20001017 |
|    | NO 2001003815   | A    | 20011002 | NO 2001-3815    | 20010803 |
|    | HK 1042043  | A1   | 20040408 | HK 2002-103295  | 20020502 |
|    | US 2004213744   | A1   | 20041028 | US 2003-686517  | 20031016 |

L4 ANSWER 34 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Synthetic lubricating oil-C1-3-hydrofluorocarbon refrigerant combinations for low-temperature phase separation in refrigeration compressor units

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | WO 2000043464   | A1   | 20000727 | WO 1999-US31118 | 19991228 |
|    | W: AU, CA<br>RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |      |          |                 |          |
|    | US 6374629  | B1   | 20020423 | US 1999-236707  | 19990125 |
|    | CA 2360536  | AA   | 20000727 | CA 1999-2360536 | 19991228 |
|    | EP 1153099  | A1   | 20011114 | EP 1999-968562  | 19991228 |
|    | EP 1153099  | B1   | 20040929 |                 |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI               |      |          |                 |          |
|    | AU 774378   | B2   | 20040624 | AU 2000-25954   | 19991228 |

L4 ANSWER 35 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Variable load refrigeration system particularly for cryogenic temperatures

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|----|---|------|----------|------------------|----------|
| PI | US 6076372  | A    | 20000620 | US 1998-222809   | 19981230 |
|    | MX 9911766  | A    | 20000731 | MX 1999-11766    | 19991215 |
|    | ZA 9907869  | A    | 20000705 | ZA 1999-7869     | 19991223 |
|    | CA 2293191  | C    | 20040921 | CA 1999-2293191  | 19991224 |
|    | CA 2293191  | AA   | 20000630 |                  |          |
|    | TW 430733   | B    | 20010421 | TW 1999-88123007 | 19991227 |
|    | EP 1016839  | A2   | 20000705 | EP 1999-126062   | 19991228 |
|    | EP 1016839  | A3   | 20001102 |                  |          |
|    | EP 1016839  | B1   | 20030709 |                  |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                  |          |
|    | JP 2000205675   | A2   | 20000728 | JP 1999-373465   | 19991228 |
|    | JP 3678619  | B2   | 20050803 |                  |          |
|    | BR 9905991  | A    | 20000905 | BR 1999-5991     | 19991228 |
|    | CN 1265462  | A    | 20000906 | CN 1999-127429   | 19991228 |
|    | AT 244860   | E    | 20030715 | AT 1999-126062   | 19991228 |
|    | ES 2197568  | T3   | 20040101 | ES 1999-126062   | 19991228 |
|    | AU 9965541  | A1   | 20000706 | AU 1999-65541    | 19991230 |
|    | AU 753979   | B2   | 20021031 |                  |          |
|    | US 6426019  | B1   | 20020730 | US 2000-545670   | 20000407 |
|    | US 2003042463   | A1   | 20030306 | US 2002-201287   | 20020724 |
|    | US 6881354  | B2   | 20050419 |                  |          |

L4 ANSWER 36 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI A process for disposal of Halon 1301 (CBrF3)

L4 ANSWER 37 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Determination of the skin viscosity of glass via fiber elongation

L4 ANSWER 38 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Conversion under hydrogen of dichlorodifluoromethane and chlorodifluoromethane over nickel catalysts

L4 ANSWER 39 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Accidental release prevention

L4 ANSWER 40 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Cooling agent composition

|    | PATENT NO.                        | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-----------------------------------|------|----------|-----------------|----------|
| PI | WO 9910447                        | A1   | 19990304 | WO 1997-RU274   | 19970826 |
|    | W: BY, CZ, HU, MD, PL, SK, UA, US |      |          |                 |          |

L4 ANSWER 41 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Fixative vinyl acetate tetrapolymers

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | US 5830439  | A    | 19981103 | US 1997-857954  | 19970516 |
|    | US 5972329  | A    | 19991026 | US 1998-34574   | 19980304 |
|    | WO 9851266  | A2   | 19981119 | WO 1998-US5318  | 19980318 |
|    | WO 9851266  | A3   | 19990218 |                 |          |
|    | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
|    | RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|    | AU 9868659  | A1   | 19981208 | AU 1998-68659   | 19980318 |

L4 ANSWER 42 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Selective etching of dielectrics using fluorohydrocarbon gas, NH3-generating gas, and carbon-oxygen gas

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 5814563 | A    | 19980929 | US 1996-660966  | 19960612 |

|             |    |          |                |          |
|-------------|----|----------|----------------|----------|
| US 5843847  | A  | 19981201 | US 1996-639388 | 19960429 |
| JP 10041274 | A2 | 19980213 | JP 1997-112887 | 19970430 |
| JP 10056001 | A2 | 19980224 | JP 1997-147995 | 19970605 |
| EP 813233   | A2 | 19971217 | EP 1997-304035 | 19970610 |
| EP 813233   | A3 | 19990825 |                |          |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

L4 ANSWER 43 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Spray formulation for testing of smoke detectors

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|

|    |            |   |          |                |          |
|----|------------|---|----------|----------------|----------|
| PI | US 5785891 | A | 19980728 | US 1996-713058 | 19960912 |
|----|------------|---|----------|----------------|----------|

L4 ANSWER 44 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Coolant agent composition

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|

|    |            |    |          |                |          |
|----|------------|----|----------|----------------|----------|
| PI | RU 2098445 | C1 | 19971210 | RU 1996-104188 | 19960301 |
|----|------------|----|----------|----------------|----------|

L4 ANSWER 45 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Method and apparatus for fluorine-assisted stripping and residue removal

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|

|    |            |    |          |                 |          |
|----|------------|----|----------|-----------------|----------|
| PI | WO 9814036 | A1 | 19980402 | WO 1997-US16886 | 19970924 |
|----|------------|----|----------|-----------------|----------|

W: JP, KR, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

|           |    |          |                |          |
|-----------|----|----------|----------------|----------|
| EP 868836 | A1 | 19981007 | EP 1997-944360 | 19970924 |
|-----------|----|----------|----------------|----------|

R: DE, FR, GB, IT, NL

|               |    |          |                |          |
|---------------|----|----------|----------------|----------|
| JP 2000501573 | T2 | 20000208 | JP 1998-515793 | 19970924 |
|---------------|----|----------|----------------|----------|

|            |   |          |                |          |
|------------|---|----------|----------------|----------|
| US 6082374 | A | 20000704 | US 1997-936548 | 19970924 |
|------------|---|----------|----------------|----------|

L4 ANSWER 46 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Palladium-assisted electrodehalogenation of 1,1,2-trichloro-1,2,2-trifluoroethane on lead cathodes combined with hydrogen diffusion anodes

L4 ANSWER 47 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Process for the reduction of chlorofluorocarbons and production of derivatives thereof in an electrolytic cell, cell for carrying out said reduction and process for removing the byproducts formed within the cell

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|

|    |            |    |          |               |          |
|----|------------|----|----------|---------------|----------|
| PI | WO 9724162 | A1 | 19970710 | WO 1996-ES248 | 19961226 |
|----|------------|----|----------|---------------|----------|

W: CA, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

|            |    |          |              |          |
|------------|----|----------|--------------|----------|
| ES 2103207 | A1 | 19970816 | ES 1995-2533 | 19951228 |
|------------|----|----------|--------------|----------|

|            |    |          |  |  |
|------------|----|----------|--|--|
| ES 2103207 | B1 | 19980401 |  |  |
|------------|----|----------|--|--|

|           |    |          |                |          |
|-----------|----|----------|----------------|----------|
| EP 819448 | A1 | 19980121 | EP 1996-941667 | 19961226 |
|-----------|----|----------|----------------|----------|

|           |    |          |  |  |
|-----------|----|----------|--|--|
| EP 819448 | B1 | 20000517 |  |  |
|-----------|----|----------|--|--|

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

|           |   |          |                |          |
|-----------|---|----------|----------------|----------|
| AT 192939 | E | 20000615 | AT 1996-941667 | 19961226 |
|-----------|---|----------|----------------|----------|

|            |    |          |                |          |
|------------|----|----------|----------------|----------|
| ES 2148819 | T3 | 20001016 | ES 1996-941667 | 19961226 |
|------------|----|----------|----------------|----------|

|            |   |          |                |          |
|------------|---|----------|----------------|----------|
| US 6068756 | A | 20000530 | US 1997-913389 | 19971104 |
|------------|---|----------|----------------|----------|

L4 ANSWER 48 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Large scale fluorine doped textured transparent conducting SnO2 films deposited by atmospheric pressure chemical vapor deposition

L4 ANSWER 49 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Smell-added refrigerant compositions for leakage detection

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|

|    |             |    |          |               |          |
|----|-------------|----|----------|---------------|----------|
| PI | JP 08245952 | A2 | 19960924 | JP 1995-51647 | 19950313 |
|----|-------------|----|----------|---------------|----------|

L4 ANSWER 50 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Evaluation of critical parameters of halohydrocarbons and its quality codes

L4 ANSWER 51 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Single-phase aerosol antiperspirant composition

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9618378  | A2   | 19960620 | WO 1995-US16286 | 19951214 |
| W: AU, BR, CA, CH, CN, DE, ES, FI, GB, JP, KR, NO, NZ, PL, PT, RO, RU, SE, UA, VN |      |          |                 |          |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE                |      |          |                 |          |
| AU 9649618  | A1   | 19960703 | AU 1996-49618   | 19951214 |

L4 ANSWER 52 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Ab initio studies of fluorinated ethanes: electronic and energetic properties and reactions with hydroxyl radicals

L4 ANSWER 53 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Dehydrofluorination, fluorination, and decomposition of fluorohydrocarbons with phosphate catalysts

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 08104656 | A2   | 19960423 | JP 1994-243024  | 19941006 |

L4 ANSWER 54 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Preparation of a substrate having a fluoride-doped conductive coating

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| US 5496583  | A    | 19960305 | US 1994-297400  | 19940829 |
| WO 9606958  | A1   | 19960307 | WO 1995-US10854 | 19950828 |
| W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT |      |          |                 |          |
| RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 9534959  | A1   | 19960322 | AU 1995-34959   | 19950828 |

L4 ANSWER 55 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Four-component aerosol compositions

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9600564  | A1   | 19960111 | WO 1994-US7426  | 19940630 |
| W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN |      |          |                 |          |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 9473206  | A1   | 19960125 | AU 1994-73206   | 19940630 |

L4 ANSWER 56 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Aerosol detergent compositions with low toxicity for cleaning automotive brakes

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 07331290 | A2   | 19951219 | JP 1994-126602  | 19940608 |

L4 ANSWER 57 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Infrared photochemical properties of sensitized SO2-O2 mixtures

L4 ANSWER 58 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Energy-saving binary refrigerant mixtures without ozone layer depletion effect

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| CN 1097792 | A    | 19950125 | CN 1993-109083  | 19930721 |

L4 ANSWER 59 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Hair aerosol compositions containing polymers and dimethylether

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |   |    |          |                 |          |
|----|---|----|----------|-----------------|----------|
| PI | EP 663203                                     | A1 | 19950719 | EP 1994-402874  | 19941213 |
|    | EP 663203                                     | B1 | 20010919 |                 |          |
|    | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE |    |          |                 |          |
|    | FR 2715064                                    | A1 | 19950721 | FR 1994-367     | 19940114 |
|    | FR 2715064                                    | B1 | 19960209 |                 |          |
|    | AT 205698                                     | E  | 20011015 | AT 1994-402874  | 19941213 |
|    | CA 2138481                                    | AA | 19950715 | CA 1994-2138481 | 19941219 |
|    | CA 2138481                                    | C  | 20020625 |                 |          |
|    | HU 71747                                      | A2 | 19960129 | HU 1994-3827    | 19941229 |
|    | HU 218577                                     | B  | 20001028 |                 |          |
|    | PL 177758                                     | B1 | 20000131 | PL 1994-306585  | 19941229 |
|    | KR 166391                                     | B1 | 19990115 | KR 1994-40216   | 19941230 |
|    | BR 9500140                                    | A  | 19951017 | BR 1995-140     | 19950110 |
|    | CN 1113141                                    | A  | 19951213 | CN 1995-101243  | 19950113 |
|    | CN 1070358                                    | B  | 20010905 |                 |          |
|    | JP 08040847                                   | A2 | 19960213 | JP 1995-4323    | 19950113 |
|    | JP 2834417                                    | B2 | 19981209 |                 |          |
|    | RU 2124351                                    | C1 | 19990110 | RU 1995-100766  | 19950113 |
|    | US 6113923                                    | A  | 20000905 | US 1995-372395  | 19950113 |

L4 ANSWER 60 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Compositions and methods for manufacture of rigid foams

|            |      |       |                 |       |
|------------|------|-------|-----------------|-------|
| PATENT NO. | KIND | DATE  | APPLICATION NO. | DATE  |
| -----      | ---- | ----- | -----           | ----- |

|    |            |    |          |                |          |
|----|------------|----|----------|----------------|----------|
| PI | US 5391584 | A  | 19950221 | US 1993-27533  | 19930308 |
|    | ZA 9201888 | A  | 19921230 | ZA 1992-1888   | 19920313 |
|    | ZA 9201895 | A  | 19921230 | ZA 1992-1895   | 19920313 |
|    | CN 1067435 | A  | 19921230 | CN 1992-102958 | 19920327 |
|    | KR 227876  | B1 | 19991101 | KR 1992-5064   | 19920327 |
|    | US 5238970 | A  | 19930824 | US 1992-974353 | 19921110 |
|    | US 5240965 | A  | 19930831 | US 1992-974352 | 19921110 |
|    | US 5356556 | A  | 19941018 | US 1993-61007  | 19930514 |
|    | US 5368769 | A  | 19941129 | US 1993-67789  | 19930527 |
|    | CN 1133854 | A  | 19961023 | CN 1995-119832 | 19951114 |
|    | CN 1048995 | B  | 20000202 |                |          |

L4 ANSWER 61 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Refrigerating apparatus using difluoroethane-based refrigerating agents

|            |      |       |                 |       |
|------------|------|-------|-----------------|-------|
| PATENT NO. | KIND | DATE  | APPLICATION NO. | DATE  |
| -----      | ---- | ----- | -----           | ----- |

|    |             |    |          |                |          |
|----|-------------|----|----------|----------------|----------|
| PI | JP 07027431 | A2 | 19950127 | JP 1993-176804 | 19930716 |
|----|-------------|----|----------|----------------|----------|

L4 ANSWER 62 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Post treatment of a coated substrate with a gas containing excited halogen to remove residues

|            |      |       |                 |       |
|------------|------|-------|-----------------|-------|
| PATENT NO. | KIND | DATE  | APPLICATION NO. | DATE  |
| -----      | ---- | ----- | -----           | ----- |

|    |  |    |          |                |          |
|----|--|----|----------|----------------|----------|
| PI | WO 9502472   | A1 | 19950126 | WO 1994-US7751 | 19940712 |
|    | W: JP, KR, US  |    |          |                |          |
|    | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |    |          |                |          |
|    | EP 710161  | A1 | 19960508 | EP 1994-922123 | 19940712 |
|    | R: DE  |    |          |                |          |
|    | JP 09502646  | T2 | 19970318 | JP 1994-504652 | 19940712 |

L4 ANSWER 63 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Manufacture of electrically conductive, soluble pyrrole-3-carboxylic acid ester polymers

|            |      |       |                 |       |
|------------|------|-------|-----------------|-------|
| PATENT NO. | KIND | DATE  | APPLICATION NO. | DATE  |
| -----      | ---- | ----- | -----           | ----- |

|    |             |    |          |                |          |
|----|-------------|----|----------|----------------|----------|
| PI | JP 06206986 | A2 | 19940726 | JP 1992-180695 | 19920708 |
|    | JP 3024867  | B2 | 20000327 |                |          |

L4 ANSWER 64 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Testing agents for smoke detectors and their manufacture

|            |      |       |                 |       |
|------------|------|-------|-----------------|-------|
| PATENT NO. | KIND | DATE  | APPLICATION NO. | DATE  |
| -----      | ---- | ----- | -----           | ----- |

|    |            |   |          |                |          |
|----|------------|---|----------|----------------|----------|
| PI | CN 1084274 | A | 19940323 | CN 1993-119728 | 19931104 |
|----|------------|---|----------|----------------|----------|

L4 ANSWER 65 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN



TI Substance separation by the action of a pulsed IR laser radiation on gas-mixture flows through capillaries

L4 ANSWER 66 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of thermoplastic polyester foams by extrusion

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 06145404 | A2   | 19940524 | JP 1992-317764  | 19921102 |
| JP 2801483  | B2   | 19980921 |                 |          |

L4 ANSWER 67 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI One-component system for preparation of rigid polyurethane foam with dimensional stability

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| DE 4303887 | A1   | 19940421 | DE 1993-4303887 | 19930210 |

L4 ANSWER 68 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Gaseous doping of tungsten oxide

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 5324537 | A    | 19940628 | US 1993-86796   | 19930706 |

L4 ANSWER 69 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Hydrofluorocarbon plasma submicron silicon dioxide etch in an axisymmetric static magnetron

L4 ANSWER 70 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of semiconductor devices

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 06029263 | A2   | 19940204 | JP 1992-179993  | 19920707 |

L4 ANSWER 71 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of semiconductor device by plasma etching

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 06021016 | A2   | 19940128 | JP 1992-174114  | 19920701 |

L4 ANSWER 72 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of flexible polyurethane foams having low density

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 05320300 | A2   | 19931203 | JP 1992-134451  | 19920428 |

L4 ANSWER 73 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Antiperspirant aerosol composition with high solid content

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| CA 2093781  | AA   | 19931017 | CA 1993-2093781 | 19930408 |
| AU 9336751  | A1   | 19931021 | AU 1993-36751   | 19930406 |
| AU 671104   | B2   | 19960815 |                 |          |
| EP 570085   | A2   | 19931118 | EP 1993-250104  | 19930408 |
| EP 570085   | A3   | 19940309 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, LU, NL, SE |      |          |                 |          |
| BR 9301551  | A    | 19931019 | BR 1993-1551    | 19930415 |
| ZA 9302658  | A    | 19941015 | ZA 1993-2658    | 19930415 |
| US 5605682  | A    | 19970225 | US 1994-238195  | 19940504 |
| US 5605682  | B1   | 19990223 |                 |          |

L4 ANSWER 74 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Dependence of the gas-chromatographic retention parameters for simple halogen-containing compounds on their physicochemical characteristics

L4 ANSWER 75 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Stabilized polyoxyalkylene glycols

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| WO 9217563 | A1   | 19921015 | WO 1992-US2148  | 19920318 |

W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO,  
PL, RO, RU, SD

RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN,  
GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG

AU 9217754 A1 19921102 AU 1992-17754 19920318

|    |  |        |           |                 |          |
|----|--|--------|-----------|-----------------|----------|
| L4 | ANSWER 76 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05117646  | A2     | 19930514  | JP 1991-281038  | 19911028 |
| L4 | ANSWER 77 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017743  | A2     | 19930126  | JP 1991-171032  | 19910711 |
| L4 | ANSWER 78 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017746  | A2     | 19930126  | JP 1991-171035  | 19910711 |
| L4 | ANSWER 79 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017748  | A2     | 19930126  | JP 1991-172368  | 19910712 |
| L4 | ANSWER 80 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017751  | A2     | 19930126  | JP 1991-172371  | 19910712 |
| L4 | ANSWER 81 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017755  | A2     | 19930126  | JP 1991-172375  | 19910712 |
| L4 | ANSWER 82 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017758  | A2     | 19930126  | JP 1991-172378  | 19910712 |
| L4 | ANSWER 83 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Prediction of refrigerant thermodynamic properties by equations of state:<br>vapor liquid equilibrium behavior of binary mixtures  |        |           |                 |          |
| L4 | ANSWER 84 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Crosslinked polyolefin foaming compositions  |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 04159339  | A2     | 19920602  | JP 1990-283331  | 19901023 |
| L4 | ANSWER 85 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Performance-oriented packaging standards; changes to classification,<br>hazard communication, packaging and handling requirements based on UN<br>standards and agency initiative |        |           |                 |          |
| L4 | ANSWER 86 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Manufacture of expandable vinylidene chloride resin particles  |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 03223346  | A2     | 19911002  | JP 1990-17733   | 19900130 |

|    |  |      |          |                 |          |
|----|--|------|----------|-----------------|----------|
| L4 | ANSWER 87 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Multivariate modeling of the rate constant of the gas-phase reaction of haloalkanes with the hydroxyl radical                        |      |          |                 |          |
| L4 | ANSWER 88 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Vinylidene chloride polymer foam moldings for thermal insulators of refrigerators  |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03225182  | A2   | 19911004 | JP 1990-17732   | 19900130 |
| L4 | ANSWER 89 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Preparation of thermally insulating urethane foams   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03137139  | A2   | 19910611 | JP 1989-276342  | 19891023 |
| L4 | ANSWER 90 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03220285  | A2   | 19910927 | JP 1990-242131  | 19900911 |
|    | JP 2532736   | B2   | 19960911 |                 |          |
| L4 | ANSWER 91 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Combustion-engineering safety data of the material pair R152A/R134A as a non-ozone-damaging alternative to conventional refrigerants |      |          |                 |          |
| L4 | ANSWER 92 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03170583  | A2   | 19910724 | JP 1989-311149  | 19891130 |
|    | US 5433879   | A    | 19950718 | US 1993-125146  | 19930923 |
| L4 | ANSWER 93 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03168271  | A2   | 19910722 | JP 1989-309652  | 19891129 |
| L4 | ANSWER 94 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03170593  | A2   | 19910724 | JP 1989-311164  | 19891130 |
| L4 | ANSWER 95 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03170592  | A2   | 19910724 | JP 1989-311163  | 19891130 |
|    | US 5433879   | A    | 19950718 | US 1993-125146  | 19930923 |
| L4 | ANSWER 96 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03170590  | A2   | 19910724 | JP 1989-311160  | 19891130 |
|    | JP 2580349   | B2   | 19970212 |                 |          |
|    | US 5304319   | A    | 19940419 | US 1992-839700  | 19920224 |
| L4 | ANSWER 97 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| TI | Working fluids   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | JP 03170589  | A2   | 19910724 | JP 1989-311159  | 19891130 |
| L4 | ANSWER 98 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |

| TI | Working fluids   | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
|----|--|------------|-----------|-----------------|-----------------|------|
| PI | JP 03168261  | A2         | 19910722  | JP 1989-309640  | 19891129        |      |
| L4 | ANSWER 99 OF 214   | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Working fluids   | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03168287  | A2         | 19910722  | JP 1989-309669  | 19891129        |      |
| L4 | ANSWER 100 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Working fluids   | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03168290  | A2         | 19910722  | JP 1989-309672  | 19891129        |      |
| L4 | ANSWER 101 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Apparatus for preparation of urethane foaming solutions without ozone layer depletion                                      | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03150109  | A2         | 19910626  | JP 1989-289729  | 19891106        |      |
|    | JP 2706992   | B2         | 19980128  |                 |                 |      |
| L4 | ANSWER 102 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Apparatus for manufacture of foaming urethane solutions  | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03150108  | A2         | 19910626  | JP 1989-289728  | 19891106        |      |
|    | JP 2706991   | B2         | 19980128  |                 |                 |      |
| L4 | ANSWER 103 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Semiempirical calculation of ESCA shifts in oxygen, nitrogen, fluorine and silicon inner core levels by the AM1-AMEP model |            |           |                 |                 |      |
| L4 | ANSWER 104 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Aerosol compositions for topical medicament  | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | EP 423695  | A2         | 19910424  | EP 1990-119769  | 19901015        |      |
|    | EP 423695  | A3         | 19911002  |                 |                 |      |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE  |            |           |                 |                 |      |
|    | AU 9064634   | A1         | 19910426  | AU 1990-64634   | 19901015        |      |
|    | NO 9004492   | A          | 19910422  | NO 1990-4492    | 19901017        |      |
|    | CA 2027952   | AA         | 19910420  | CA 1990-2027952 | 19901018        |      |
|    | JP 03255023  | A2         | 19911113  | JP 1990-281690  | 19901019        |      |
|    | US 5378451   | A          | 19950103  | US 1993-126747  | 19930927        |      |
| L4 | ANSWER 105 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Etching of semiconductor with fluoride and hydrocarbon gas   | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03083335  | A2         | 19910409  | JP 1989-218530  | 19890828        |      |
|    | EP 497023  | A1         | 19920805  | EP 1991-300793  | 19910131        |      |
|    | R: DE, FR, GB  |            |           |                 |                 |      |
|    | US 5110408   | A          | 19920505  | US 1991-658254  | 19910220        |      |
| L4 | ANSWER 106 OF 214  | CAPLUS     | COPYRIGHT | 2006 ACS on STN |                 |      |
| TI | Preparation of rigid polyurethane foams with low thermal conductivity  | PATENT NO. | KIND      | DATE            | APPLICATION NO. | DATE |
| PI | EP 421269  | A2         | 19910410  | EP 1990-118532  | 19900927        |      |
|    | EP 421269  | A3         | 19910904  |                 |                 |      |
|    | EP 421269  | B1         | 19960110  |                 |                 |      |
|    | EP 421269  | B2         | 20020502  |                 |                 |      |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE  |            |           |                 |                 |      |
|    | DE 3933335   | A1         | 19910411  | DE 1989-3933335 | 19891006        |      |
|    | DE 3933335   | C2         | 19980806  |                 |                 |      |

|             |    |          |                 |          |
|-------------|----|----------|-----------------|----------|
| US 5096933  | A  | 19920317 | US 1990-577174  | 19900904 |
| US 5096933  | B1 | 19960326 |                 |          |
| CA 2024714  | AA | 19910407 | CA 1990-2024714 | 19900906 |
| CA 2024714  | C  | 19980623 |                 |          |
| AT 132882   | E  | 19960115 | AT 1990-118532  | 19900927 |
| ES 2081887  | T3 | 19960316 | ES 1990-118532  | 19900927 |
| JP 03152160 | A2 | 19910628 | JP 1990-266573  | 19901005 |
| JP 3216646  | B2 | 20011009 |                 |          |
| KR 173981   | B1 | 19990401 | KR 1990-15963   | 19901006 |

|    |                   |        |                           |                 |          |
|----|-------------------|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 107 OF 214 | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Working fluid     |        |                           |                 |          |
|    | PATENT NO.        | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----             | ----   | -----                     | -----           | -----    |
| PI | EP 430170         | A1     | 19910605                  | EP 1990-122653  | 19901127 |
|    | EP 430170         | B1     | 19940803                  |                 |          |
|    | R: DE, FR, GB     |        |                           |                 |          |
|    | JP 03170584       | A2     | 19910724                  | JP 1989-311153  | 19891130 |
|    | JP 2532695        | B2     | 19960911                  |                 |          |
|    | JP 03170587       | A2     | 19910724                  | JP 1989-311156  | 19891130 |
|    | JP 2532696        | B2     | 19960911                  |                 |          |

|    |                   |        |                           |                 |          |
|----|-------------------|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 108 OF 214 | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Working fluid     |        |                           |                 |          |
|    | PATENT NO.        | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----             | ----   | -----                     | -----           | -----    |
| PI | EP 430171         | A1     | 19910605                  | EP 1990-122654  | 19901127 |
|    | EP 430171         | B1     | 19931006                  |                 |          |
|    | R: DE, FR, GB     |        |                           |                 |          |
|    | JP 03172384       | A2     | 19910725                  | JP 1989-311166  | 19891130 |
|    | JP 2532697        | B2     | 19960911                  |                 |          |
|    | JP 03172386       | A2     | 19910725                  | JP 1989-311168  | 19891130 |
|    | JP 2548412        | B2     | 19961030                  |                 |          |

|    |   |        |                           |                 |          |
|----|---|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 109 OF 214   | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Catalytic hydrodechlorination of freon 113, (CFC 113, CCl2FCClF2)   |        |                           |                 |          |
| L4 | ANSWER 110 OF 214   | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Production of ion beams by chemically enhanced sputtering of solids |        |                           |                 |          |
|    | PATENT NO.  | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----   | ----   | -----                     | -----           | -----    |
| PI | WO 9010303  | A1     | 19900907                  | WO 1990-US677   | 19900206 |
|    | WO 9010303  | A3     | 19901018                  |                 |          |
|    | W: JP, KP   |        |                           |                 |          |
|    | RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE                  |        |                           |                 |          |
|    | US 5089746  | A      | 19920218                  | US 1989-311504  | 19890214 |

|    |  |        |                           |                 |          |
|----|--|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 111 OF 214  | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Anti-reflective coating comprising light metal fluorides |        |                           |                 |          |
|    | PATENT NO.   | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----                     | -----           | -----    |
| PI | EP 400796  | A1     | 19901205                  | EP 1990-304073  | 19900417 |
|    | EP 400796  | B1     | 19940316                  |                 |          |
|    | R: DE, FR, GB  |        |                           |                 |          |
|    | CA 2015802   | AA     | 19901130                  | CA 1990-2015802 | 19900501 |
|    | JP 03017601  | A2     | 19910125                  | JP 1990-139560  | 19900529 |
|    | US 5208101   | A      | 19930504                  | US 1991-723992  | 19910701 |

|    |  |        |                           |                 |          |
|----|--|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 112 OF 214  | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Manufacture of flame-retardant styrene resin laminar foams |        |                           |                 |          |
|    | PATENT NO.   | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----                     | -----           | -----    |
| PI | JP 02123143  | A2     | 19900510                  | JP 1988-274431  | 19881101 |
|    | JP 06045719  | B4     | 19940615                  |                 |          |

|    |  |        |                           |  |  |
|----|--|--------|---------------------------|--|--|
| L4 | ANSWER 113 OF 214  | CAPLUS | COPYRIGHT 2006 ACS on STN |  |  |
| TI | Laser induced nonstationary processes in gaseous mixtures through porous media |        |                           |  |  |

L4 ANSWER 114 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Combining a blowing agent with at least one liquid reaction component in polyurethane foam manufacture

|    | PATENT NO.                                    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | DE 3819630                                    | A1   | 19891214 | DE 1988-3819630 | 19880609 |
|    | EP 345580                                     | A2   | 19891213 | EP 1989-109610  | 19890527 |
|    | EP 345580                                     | A3   | 19900926 |                 |          |
|    | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE |      |          |                 |          |
|    | JP 02039921                                   | A2   | 19900208 | JP 1989-143203  | 19890607 |

L4 ANSWER 115 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Heat pumps with fluorocarbon working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 01200153 | A2   | 19890811 | JP 1988-25011   | 19880204 |

L4 ANSWER 116 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Process for restoring deactivated Group VIII element-zeolite catalysts for aromatic compound production

|    | PATENT NO.                            | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------------------------------|------|----------|-----------------|----------|
| PI | EP 316727                             | A1   | 19890524 | EP 1988-118621  | 19881109 |
|    | EP 316727                             | B1   | 19920122 |                 |          |
|    | R: BE, CH, DE, FR, GB, IT, LI, NL, SE |      |          |                 |          |
|    | US 4937215                            | A    | 19900626 | US 1988-256697  | 19881012 |
|    | CA 1317927                            | A1   | 19930518 | CA 1988-580661  | 19881019 |
|    | JP 01231944                           | A2   | 19890918 | JP 1988-280348  | 19881108 |

L4 ANSWER 117 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Pyrolytically coated plateglass and its manufacture

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | DE 3823089  | A1   | 19890119 | DE 1988-3823089 | 19880707 |
|    | GB 2206878  | A1   | 19890118 | GB 1987-16388   | 19870711 |
|    | GB 2206878  | B2   | 19910717 |                 |          |
|    | ES 2006972  | A6   | 19890516 | ES 1988-1782    | 19880608 |
|    | BE 1002216  | A4   | 19901016 | BE 1988-683     | 19880615 |
|    | FR 2617833  | A1   | 19890113 | FR 1988-8210    | 19880616 |
|    | FR 2617833  | B1   | 19920417 |                 |          |
|    | AT 8801725  | A    | 19940615 | AT 1988-1725    | 19880704 |
|    | NL 8801713  | A    | 19890201 | NL 1988-1713    | 19880707 |
|    | CH 675416   | A    | 19900928 | CH 1988-2595    | 19880707 |
|    | SE 8802578  | A    | 19890112 | SE 1988-2578    | 19880708 |
|    | SE 465921   | B    | 19911118 |                 |          |
|    | SE 465921   | C    | 19920312 |                 |          |
|    | JP 01033033 | A2   | 19890202 | JP 1988-170751  | 19880708 |

L4 ANSWER 118 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Multilayer heat insulators and their manufacture

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 63149142 | A2   | 19880621 | JP 1986-297088  | 19861212 |

L4 ANSWER 119 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Process for protecting electrochemical sensors from biofouling in an aquatic environment

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 4763537 | A    | 19880816 | US 1986-941774  | 19861215 |

L4 ANSWER 120 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Laser action on resonant molecular flows through capillaries

L4 ANSWER 121 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Aerosol waterproof sunscreen compositions

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 4686099 | A    | 19870811 | US 1985-807488  | 19851210 |

|            |    |          |              |          |
|------------|----|----------|--------------|----------|
| GB 2202740 | A1 | 19881005 | GB 1987-7617 | 19870331 |
| GB 2202740 | B2 | 19901212 |              |          |

L4 ANSWER 122 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Improvement of the hydrolytic resistance of bottles by surface treatment

L4 ANSWER 123 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Manufacture of hollow fibers

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| -----       | ---- | -----    | -----           | -----    |
| JP 62117813 | A2   | 19870529 | JP 1985-255018  | 19851115 |

L4 ANSWER 124 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Laser action on gas mixture flows through metal capillaries

L4 ANSWER 125 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Silica film etching

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| -----       | ---- | -----    | -----           | -----    |
| JP 61251138 | A2   | 19861108 | JP 1985-93024   | 19850430 |

L4 ANSWER 126 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Effect of laser radiation on the passage of resonance molecules through capillaries in a transient-flow region

L4 ANSWER 127 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Semiconductor device

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| -----       | ---- | -----    | -----           | -----    |
| JP 60143633 | A2   | 19850729 | JP 1984-250543  | 19841129 |
| JP 61004179 | B4   | 19860207 |                 |          |

L4 ANSWER 128 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Nonflammable aerosol propellant microemulsion system

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| -----      | ---- | -----    | -----           | -----    |
| US 4536323 | A    | 19850820 | US 1983-508643  | 19830628 |
| CA 1205349 | A1   | 19860603 | CA 1984-457246  | 19840622 |
| AU 574715  | B2   | 19880714 | AU 1984-33083   | 19840917 |
| AU 8433083 | A1   | 19860327 |                 |          |
| US 4655959 | A    | 19870407 | US 1985-749962  | 19850701 |

L4 ANSWER 129 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Gas and method for selective etching of silicon nitride

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| -----       | ---- | -----    | -----           | -----    |
| DE 3420347  | A1   | 19841206 | DE 1984-3420347 | 19840530 |
| DE 3420347  | C2   | 19870820 |                 |          |
| JP 59222933 | A2   | 19841214 | JP 1983-95651   | 19830601 |
| JP 60115232 | A2   | 19850621 | JP 1983-222072  | 19831128 |
| NL 8401774  | A    | 19850102 | NL 1984-1774    | 19840601 |
| US 4529476  | A    | 19850716 | US 1984-616114  | 19840601 |

L4 ANSWER 130 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Limit of thermal ignition for a light-initiated unbranched chain reaction

L4 ANSWER 131 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Determination of parameters of the interaction potential of polar molecules

L4 ANSWER 132 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Hydrotreating vacuum gas oils with catalyst and an added organic fluorine compound

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| -----       | ---- | -----    | -----           | -----    |
| US 4420388  | A    | 19831213 | US 1981-301754  | 19810914 |
| JP 59202291 | A2   | 19841116 | JP 1983-77342   | 19830430 |

L4 ANSWER 133 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

| TI | Foamed body of a vinyl chloride-based resin composition  |   |          |                 |          |
|----|--|---|----------|-----------------|----------|
|    | PATENT NO.   | KIND  | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ----  | -----    | -----           | -----    |
| PI | GB 2110216   | A1  | 19830615 | GB 1982-32528   | 19821115 |
|    | JP 58084832  | A2  | 19830521 | JP 1981-183349  | 19811116 |
|    | JP 62017613  | B4  | 19870418 |                 |          |
|    | JP 58087135  | A2  | 19830524 | JP 1981-185968  | 19811119 |
|    | JP 02030341  | B4  | 19900705 |                 |          |
| L4 | ANSWER 134 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Solubility of vinyl chloride, trifluorochloroethylene, difluoroethane, hexafluoropropylene, and hexafluoropropylene oxide in water             |   |          |                 |          |
| L4 | ANSWER 135 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Viscosity of difluoroethane  |   |          |                 |          |
| L4 | ANSWER 136 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Specification and usage requirements for 3AL seamless, aluminum cylinders  |   |          |                 |          |
| L4 | ANSWER 137 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Fluorination of catalysts  |   |          |                 |          |
|    | PATENT NO.   | KIND  | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- <td>-----</td> <td>-----</td> <td>-----</td> | -----    | -----           | -----    |
| PI | GB 2024642   | A   | 19800116 | GB 1979-23338   | 19790704 |
|    | GB 2024642   | B2  | 19820818 |                 |          |
|    | FR 2430263   | A1  | 19800201 | FR 1978-20182   | 19780706 |
|    | FR 2430263   | B1  | 19810102 |                 |          |
|    | CA 1137062   | A1  | 19821207 | CA 1979-326392  | 19790426 |
|    | NL 7905206   | A   | 19800108 | NL 1979-5206    | 19790704 |
|    | DE 2927052   | A1  | 19800117 | DE 1979-2927052 | 19790704 |
|    | JP 55011097  | A2  | 19800125 | JP 1979-84050   | 19790704 |
|    | JP 62052623  | B4  | 19871106 |                 |          |
| L4 | ANSWER 138 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Solvent effects on the distribution coefficients. III. The solubility of some lower fluoro- and chlorohydrocarbons in organic solvents         |   |          |                 |          |
| L4 | ANSWER 139 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Determination of gas-kinetic diameters of molecules of difluoroethane and fluoro-substituted derivatives of ethylene                           |   |          |                 |          |
| L4 | ANSWER 140 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Determination of the gas-kinetic diameters of molecules of difluoroethane and fluorine-substituted derivatives of ethylene                     |   |          |                 |          |
| L4 | ANSWER 141 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Effect of diffusion on absorption and saturation of infrared radiation in molecular gases  |   |          |                 |          |
| L4 | ANSWER 142 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Study of the thermal conductivity of toluene and some difluoroethanes at high pressures  |   |          |                 |          |
| L4 | ANSWER 143 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Toxicity of aerosol propellants in the respiratory and circulatory systems. VIII. Respiration and circulation in primates                      |   |          |                 |          |
| L4 | ANSWER 144 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Effect of diffusion on absorption and saturation of infrared radiation in molecular gases  |   |          |                 |          |
| L4 | ANSWER 145 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Toxicity of aerosol propellants in the respiratory and circulatory systems. VI. Influence of cardiac and pulmonary vascular lesions in the rat |   |          |                 |          |
| L4 | ANSWER 146 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |   |          |                 |          |
| TI | Cardiopulmonary toxicity of propellants for aerosols   |   |          |                 |          |



L4 ANSWER 147 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Solubility of chlorine, hydrogen chloride, difluoro- and difluorochloroethanes in chloroorganic solvents

L4 ANSWER 148 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Toxicity of aerosol propellants on the respiratory and circulatory systems. III. Influence of bronchopulmonary lesion on cardiopulmonary toxicity in the mouse

L4 ANSWER 149 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Toxicity of aerosol propellants in the respiratory and circulatory systems. IV. Cardiotoxicity in the monkey

L4 ANSWER 150 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Identification of absorption lines in gases used to modulate the carbon dioxide laser

L4 ANSWER 151 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Thermal energy electron attachment rate constants for some polyatomic molecules

L4 ANSWER 152 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Regeneration of hydrocracking catalysts

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| DE 2249892 | A1   | 19730419 | DE 1972-2249892 | 19721011 |
| US 3725244 | A    | 19730403 | US 1971-188408  | 19711013 |

L4 ANSWER 153 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Hydrocracking catalyst activation treatment

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 3673108 | A    | 19720627 | US 1969-889681  | 19691231 |

L4 ANSWER 154 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Homopolymers and copolymers of vinylidene fluoride

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|------|
| FR 1570233 |      | 19690606 | FR              |      |
| DE 1770672 |      |          | DE              |      |
| GB 1188889 |      |          | GB              |      |
| US 3616371 |      | 19710000 | US              |      |

L4 ANSWER 155 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Metal oxide films

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|------|
| GB 1167128 |      | 19691015 | GB              |      |
| FR 1572757 |      |          | FR              |      |
| US 3477936 |      | 19690000 | US              |      |

L4 ANSWER 156 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Gas-chromatographic analysis of aerosols by pressurized liquid sampling

L4 ANSWER 157 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Hair waving, two phase, quick breaking, aerosol foam

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 3433868 | A    | 19690318 | US 1964-385467  | 19640727 |

L4 ANSWER 158 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Concentration of sea water and brine by the gas hydration process. XIV. Pressure and temperature diagrams of mixed hydrating agents

L4 ANSWER 159 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Careful removal of acetylene and difluoroethane from vinyl fluoride

L4 ANSWER 160 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Studies on explosions. I

|    |  |      |          |                 |          |
|----|--|------|----------|-----------------|----------|
| L4 | ANSWER 161 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | Conversion of hydrocarbons by hydrogen   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | FR 1349148   |      | 19640117 | FR              | 19620408 |
| L4 | ANSWER 162 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | Effect of anions on the electrocrystallization of zinc and cadmium   |      |          |                 |          |
| L4 | ANSWER 163 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | The electrochemical fluorination of organosilicon compounds  |      |          |                 |          |
| L4 | ANSWER 164 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | Refrigerant mixture of dichlorodifluoromethane and difluoroethane  |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | US 23358   |      | 19510417 | US              |          |
| L4 | ANSWER 165 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Materials and methods for the conversion of hydrofluorocarbons   |      |          |                 |          |
| PI | US 2005288536  | A1   | 20051229 |                 |          |
| L4 | ANSWER 166 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Process for making polyurethane and polyisocyanurate foams using mixtures of a hydrofluorocarbon and methyl formate as a blowing agent                                 |      |          |                 |          |
| PI | US 2005277701  | A1   | 20051215 |                 |          |
| L4 | ANSWER 167 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Topical spray compositions   |      |          |                 |          |
| PI | US 6962691   | B1   | 20051108 |                 |          |
| L4 | ANSWER 168 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Heat transfer fluids and methods of making and using same  |      |          |                 |          |
| PI | US 2005218371  | A1   | 20051006 |                 |          |
| L4 | ANSWER 169 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Refrigerant composition  |      |          |                 |          |
| PI | US 2005109977  | A1   | 20050526 |                 |          |
| L4 | ANSWER 170 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Closed cycle refrigeration system and mixed component refrigerant  |      |          |                 |          |
| PI | US 2005086950  | A1   | 20050428 |                 |          |
| L4 | ANSWER 171 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |      |          |                 |          |
| PI | US 6875371   | B1   | 20050405 |                 |          |
| L4 | ANSWER 172 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Heat transfer fluids and methods of making and using same  |      |          |                 |          |
| PI | US 2004227125  | A1   | 20041118 |                 |          |
| L4 | ANSWER 173 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Topical spray compositions   |      |          |                 |          |
| PI | US 2004213744  | A1   | 20041028 |                 |          |
| L4 | ANSWER 174 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Formulations of mometasone and a bronchodilator for pulmonary administration   |      |          |                 |          |
| PI | US 2004198708  | A1   | 20041007 |                 |          |
| L4 | ANSWER 175 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Sol-gel-derived halogen-doped glass  |      |          |                 |          |
| PI | US 2004194511  | A1   | 20041007 |                 |          |
| L4 | ANSWER 176 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Materials and methods for the conversion of hydrofluorocarbons   |      |          |                 |          |

|    |  |    |          |
|----|--|----|----------|
| PI | US 2004127757  | A1 | 20040701 |
| L4 | ANSWER 177 OF 214 USPATFULL on STN   |    |          |
| TI | Method for plasma etching performance enhancement  |    |          |
| PI | US 2004072443  | A1 | 20040415 |
|    | US 6833325   | B2 | 20041221 |
| L4 | ANSWER 178 OF 214 USPATFULL on STN   |    |          |
| TI | Methods for etching photolithographic reticles   |    |          |
| PI | US 2004072081  | A1 | 20040415 |
| L4 | ANSWER 179 OF 214 USPATFULL on STN   |    |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |    |          |
| PI | US 2003203639  | A1 | 20031030 |
| L4 | ANSWER 180 OF 214 USPATFULL on STN   |    |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |    |          |
| PI | US 6537922   | B1 | 20030325 |
| L4 | ANSWER 181 OF 214 USPATFULL on STN   |    |          |
| TI | Variable load refrigeration system particularly for cryogenic temperatures   |    |          |
| PI | US 6426019   | B1 | 20020730 |
| L4 | ANSWER 182 OF 214 USPATFULL on STN   |    |          |
| TI | Formulations of mometasone and a bronchodilator for pulmonary administration   |    |          |
| PI | US 2002076382  | A1 | 20020620 |
| L4 | ANSWER 183 OF 214 USPATFULL on STN   |    |          |
| TI | Substrate cleaning apparatus and method  |    |          |
| PI | US 2002072016  | A1 | 20020613 |
|    | US 6692903   | B2 | 20040217 |
| L4 | ANSWER 184 OF 214 USPATFULL on STN   |    |          |
| TI | Apparatus for providing ozonated process fluid and methods for using same  |    |          |
| PI | US 2002066717  | A1 | 20020606 |
| L4 | ANSWER 185 OF 214 USPATFULL on STN   |    |          |
| TI | Lubricant refrigerant composition for hydrofluorocarbon (HFC) refrigerants   |    |          |
| PI | US 6374629   | B1 | 20020423 |
| L4 | ANSWER 186 OF 214 USPATFULL on STN   |    |          |
| TI | High-density plasma etching of carbon-based low-k materials in a integrated circuit  |    |          |
| PI | US 6284149   | B1 | 20010904 |
| L4 | ANSWER 187 OF 214 USPATFULL on STN   |    |          |
| TI | Flower-like capacitor structure for a memory cell  |    |          |
| PI | US 6281542   | B1 | 20010828 |
| L4 | ANSWER 188 OF 214 USPATFULL on STN   |    |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |    |          |
| PI | US 6117791   |    | 20000912 |
| L4 | ANSWER 189 OF 214 USPATFULL on STN   |    |          |
| TI | Aerosol cosmetic compositions, aerosols containing them and uses   |    |          |
| PI | US 6113923   |    | 20000905 |
| L4 | ANSWER 190 OF 214 USPATFULL on STN   |    |          |
| TI | Fluorine assisted stripping and residue removal in sapphire downstream   |    |          |

|    |  |          |
|----|--|----------|
| PI | plasma asher<br>US 6082374   | 20000704 |
| L4 | ANSWER 191 OF 214 USPATFULL on STN   |          |
| TI | Variable load refrigeration system particularly for cryogenic temperatures   |          |
| PI | US 6076372   | 20000620 |
| L4 | ANSWER 192 OF 214 USPATFULL on STN   |          |
| TI | Process for the reduction of chlorofluorocarbons and production of derivatives thereof in an electrolytic cell, cell for carrying out said reduction and process for removing the by-products formed within the cell |          |
| PI | US 6068756<br>WO 9724162 19970410  | 20000530 |
| L4 | ANSWER 193 OF 214 USPATFULL on STN   |          |
| TI | Fixative vinyl acetate tetrapolymers   |          |
| PI | US 5830439   | 19981103 |
| L4 | ANSWER 194 OF 214 USPATFULL on STN   |          |
| TI | Method for etching dielectric using fluorohydrocarbon gas, NH.sub.3 -generating gas, and carbon-oxygen gas   |          |
| PI | US 5814563   | 19980929 |
| L4 | ANSWER 195 OF 214 USPATFULL on STN   |          |
| TI | Spray formulation for the testing of smoke detectors   |          |
| PI | US 5785891   | 19980728 |
| L4 | ANSWER 196 OF 214 USPATFULL on STN   |          |
| TI | Antiperspirant aerosol composition with high solids content  |          |
| PI | US 5605682   | 19970225 |
| L4 | ANSWER 197 OF 214 USPATFULL on STN   |          |
| TI | Hydrogen fluoride dopant source in the preparation of conductive coated substrate  |          |
| PI | US 5496583   | 19960305 |
| L4 | ANSWER 198 OF 214 USPATFULL on STN   |          |
| TI | Working fluid containing difluoroethane  |          |
| PI | US 5433879   | 19950718 |
| L4 | ANSWER 199 OF 214 USPATFULL on STN   |          |
| TI | Manufacture of rigid foams and compositions therefor   |          |
| PI | US 5391584   | 19950221 |
| L4 | ANSWER 200 OF 214 USPATFULL on STN   |          |
| TI | Topical medicinal pressurized aerosol compositions and method of preparation, method of use and article of manufacture thereof   |          |
| PI | US 5378451   | 19950103 |
| L4 | ANSWER 201 OF 214 USPATFULL on STN   |          |
| TI | Gaseous doping of tungsten oxide   |          |
| PI | US 5324537   | 19940628 |
| L4 | ANSWER 202 OF 214 USPATFULL on STN   |          |
| TI | Working fluid  |          |
| PI | US 5304319   | 19940419 |
| L4 | ANSWER 203 OF 214 USPATFULL on STN   |          |
| TI | Anti-reflective coatings comprising light metal fluorides  |          |
| PI | US 5208101   | 19930504 |
| L4 | ANSWER 204 OF 214 USPATFULL on STN   |          |
| TI | Process for etching  |          |
| PI | US 5110408   | 19920505 |
| L4 | ANSWER 205 OF 214 USPATFULL on STN   |          |
| TI | Process for the preparation of polyurethane rigid foams having a low   |          |

|    |  |          |
|----|--|----------|
|    | thermal conductivity and their use   |          |
| PI | US 5096933   | 19920317 |
| L4 | ANSWER 206 OF 214 USPATFULL on STN   |          |
| TI | Production of ion beams by chemically enhanced sputtering of solids  |          |
| PI | US 5089746   | 19920218 |
| L4 | ANSWER 207 OF 214 USPATFULL on STN   |          |
| TI | Process for restoring deactivated catalysts  |          |
| PI | US 4937215   | 19900626 |
| L4 | ANSWER 208 OF 214 USPATFULL on STN   |          |
| TI | Process for protecting electrochemical sensors from biofouling in an aquatic environment                     |          |
| PI | US 4763537   | 19880816 |
| L4 | ANSWER 209 OF 214 USPATFULL on STN   |          |
| TI | Aerosol waterproof sunscreen compositions  |          |
| PI | US 4686099   | 19870811 |
| L4 | ANSWER 210 OF 214 USPATFULL on STN   |          |
| TI | Preparation of non-flammable aerosol propellant microemulsion system   |          |
| PI | US 4655959   | 19870407 |
| L4 | ANSWER 211 OF 214 USPATFULL on STN   |          |
| TI | Non-flammable aerosol propellant microemulsion system  |          |
| PI | US 4536323   | 19850820 |
| L4 | ANSWER 212 OF 214 USPATFULL on STN   |          |
| TI | Gas for selectively etching silicon nitride and process for selectively etching silicon nitride with the gas |          |
| PI | US 4529476   | 19850716 |
| L4 | ANSWER 213 OF 214 USPATFULL on STN   |          |
| TI | Hydrotreating vacuum gas oils with catalyst and added organic fluorine compound                              |          |
| PI | US 4420388   | 19831213 |
| L4 | ANSWER 214 OF 214 USPATFULL on STN   |          |
| TI | HYDROCRACKING CATALYST ACTIVATION TREATMENT  |          |
| PI | US 3673108   | 19720627 |

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IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
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NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
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NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 19 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 20 FEB 28 MEDLINE/LMEDLINE reload improves functionality  
NEWS 21 FEB 28 TOXCENTER reloaded with enhancements  
NEWS 22 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral  
property data  
NEWS 23 MAR 01 INSPEC reloaded and enhanced  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
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AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
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=> s difluoroethane/cn

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|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 0.21             | 0.21          |

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=> s difluoroethane/cn

L1 1 DIFLUOROETHANE/CN

=> s trifluoromethyl iodide/cn

L2 1 TRIFLUOROMETHYL IODIDE/CN

=> file caplus,uspatful

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 9.96             | 10.17         |

FILE 'CAPLUS' ENTERED AT 11:33:34 ON 02 MAR 2006

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=> s l1 and l2  
L3 0 L1 AND L2

=> s l1  
L4 214 L1

=> s l2  
L5 2027 L2

=> s l4 and l5  
L6 0 L4 AND L5

=> file reg

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|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 1.97             | 12.14         |

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\* The CA roles and document type information have been removed from \*  
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\* available and contains the CA role and document type information. \*  
\*  
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=> d his

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L1 1 S DIFLUOROETHANE/CN  
L2 1 S TRIFLUOROMETHYL IODIDE/CN

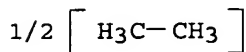
FILE 'CAPLUS, USPATFULL' ENTERED AT 11:33:34 ON 02 MAR 2006

L3 0 S L1 AND L2  
L4 214 S L1  
L5 2027 S L2  
L6 0 S L4 AND L5



=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 25497-28-3 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Ethane, difluoro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Difluoroethane**  
 MF C2 H4 F2  
 CI IDS, COM  
 LC STN Files: BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMLIST, CIN, DETHERM\*,  
 ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB,  
 NIOSHTIC, PDLCOM\*, PIRA, PROMT, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)



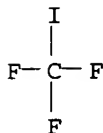
D1-F

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

164 REFERENCES IN FILE CA (1907 TO DATE)  
 164 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 2314-97-8 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Methane, trifluoroiodo- (6CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Freon 13I1  
 CN Iodotrifluoromethane  
 CN Monoiodotrifluoromethane  
 CN Perfluoromethyl iodide  
 CN R 13I1  
 CN Trifluoroiodomethane  
 CN **Trifluoromethyl iodide**  
 FS 3D CONCORD  
 DR 263005-66-9  
 MF C F3 I  
 CI COM  
 LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DETHERM\*, DIPPR\*,  
 GMELIN\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, PROMT, PS, RTECS\*,  
 SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1837 REFERENCES IN FILE CA (1907 TO DATE)  
 12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1839 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 88 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d his

(FILE 'HOME' ENTERED AT 11:32:45 ON 02 MAR 2006)

FILE 'REGISTRY' ENTERED AT 11:33:07 ON 02 MAR 2006

L1 1 S DIFLUOROETHANE/CN  
 L2 1 S TRIFLUOROMETHYL IODIDE/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 11:33:34 ON 02 MAR 2006

L3 0 S L1 AND L2  
 L4 214 S L1  
 L5 2027 S L2  
 L6 0 S L4 AND L5

FILE 'REGISTRY' ENTERED AT 11:34:05 ON 02 MAR 2006

=> d l4 ti,pi

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, USPATFULL' - CONTINUE? (Y)/N:y

L4 ANSWER 1 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Making polyurethane and polyisocyanurate foams, mixtures of a hydrofluorocarbon and methyl formate as a blowing agent, polyol premix of reduced vapor pressure

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| US 2005277701   | A1   | 20051215 | US 2004-868400  | 20040615 |
| WO 2006002043   | A1   | 20060105 | WO 2005-US20929 | 20050614 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  |      |          |                 |          |

=> d l4 ti,pi 1-

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, USPATFULL' - CONTINUE? (Y)/N:y

YOU HAVE REQUESTED DATA FROM 214 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Making polyurethane and polyisocyanurate foams, mixtures of a hydrofluorocarbon and methyl formate as a blowing agent, polyol premix of reduced vapor pressure

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| US 2005277701  | A1   | 20051215 | US 2004-868400  | 20040615 |
| WO 2006002043  | A1   | 20060105 | WO 2005-US20929 | 20050614 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, |      |          |                 |          |

NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,  
 SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,  
 ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM,  
 KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG,  
 KZ, MD, RU, TJ, TM

L4 ANSWER 2 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Procedure for processing hollow glassware, particularly a bottle

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--------------|------|----------|-----------------|----------|
| AT 200300941 | A5   | 20040615 | AT 2003-941     | 20030617 |
| AT 412341    | B    | 20050125 |                 |          |

L4 ANSWER 3 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation method and equipment of difluorochloroethane

| PATENT NO. | KIND | DATE     | APPLICATION NO.  | DATE     |
|------------|------|----------|------------------|----------|
| CN 1556083 | A    | 20041222 | CN 2004-10015778 | 20040109 |

L4 ANSWER 4 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Refrigerant composition with lubricant

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| WO 2005042679  | A1   | 20050512 | WO 2004-US34724 | 20041020 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,<br>CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,<br>GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,<br>LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,<br>NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,<br>TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW<br>RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,<br>AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,<br>EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,<br>SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,<br>SN, TD, TG |      |          |                 |          |
| US 2005109977  | A1   | 20050526 | US 2004-969621  | 20041020 |

L4 ANSWER 5 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Closed cycle refrigeration system and mixed component refrigerant

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| US 2005086950 | A1   | 20050428 | US 2003-694699  | 20031028 |

L4 ANSWER 6 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Improvements in or relating to aerosol formulations comprising formoterol fumarate dihydrate

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| WO 2005034927  | A2   | 20050421 | WO 2004-IB3465  | 20041008 |
| WO 2005034927  | A3   | 20050602 |                 |          |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,<br>CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,<br>GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,<br>LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,<br>NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,<br>TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW<br>RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,<br>AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,<br>EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,<br>SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,<br>SN, TD, TG |      |          |                 |          |

L4 ANSWER 7 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Consolidation heat treating atmospheres for manufacture of sol-gel-derived halogen-doped optical glass

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |               |    |          |                |          |
|----|---------------|----|----------|----------------|----------|
| PI | US 2004194511 | A1 | 20041007 | US 2004-771176 | 20040203 |
|    | US 2003147605 | A1 | 20030807 | US 2002-62748  | 20020201 |
|    | US 6928220    | B2 | 20050809 |                |          |
|    | US 2003147606 | A1 | 20030807 | US 2002-215162 | 20020807 |

L4 ANSWER 8 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Polyol compositions containing polyether or polyester polyols and polyisocyanate-based foams prepared therefrom

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 1435366  | A1   | 20040707 | EP 2003-250046  | 20030103 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
|    | CA 2511811  | AA   | 20040729 | CA 2003-2511811 | 20031223 |
|    | WO 2004063243   | A1   | 20040729 | WO 2003-US41607 | 20031223 |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, YU, ZA, ZM, ZW |      |          |                 |          |
|    | RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|    | BR 2003017211   | A    | 20051101 | BR 2003-17211   | 20031223 |

L4 ANSWER 9 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Materials and methods for the conversion of hydrofluorocarbons to fluoromonomers

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | US 2004127757   | A1   | 20040701 | US 2002-331821  | 20021230 |
|    | CA 2511887  | AA   | 20040722 | CA 2003-2511887 | 20031230 |
|    | WO 2004060842   | A1   | 20040722 | WO 2003-US41851 | 20031230 |
|    | WO 2004060842   | C1   | 20041021 |                 |          |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
|    | RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|    | EP 1581468  | A1   | 20051005 | EP 2003-815021  | 20031230 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
|    | US 2005288536   | A1   | 20051229 | US 2005-218055  | 20050831 |

L4 ANSWER 10 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Plasma device and procedure for anisotropic etching in of structures in a substrate

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|----|---|------|----------|------------------|----------|
| PI | DE 10247913   | A1   | 20040422 | DE 2002-10247913 | 20021014 |
|    | WO 2004036627   | A2   | 20040429 | WO 2003-DE2971   | 20030909 |
|    | WO 2004036627   | A3   | 20040722 |                  |          |
|    | W: JP, US   |      |          |                  |          |
|    | RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR    |      |          |                  |          |
|    | EP 1554747  | A2   | 20050720 | EP 2003-753277   | 20030909 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK |      |          |                  |          |
|    | JP 2006503425   | T2   | 20060126 | JP 2004-543938   | 20030909 |

L4 ANSWER 11 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

| TI | Procedure for the plasma anisotropic etching of a silicon substrate   |      |          |                  |          |
|----|---|------|----------|------------------|----------|
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | DE 10246063   | A1   | 20040422 | DE 2002-10246063 | 20021002 |
| L4 | ANSWER 12 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Method for plasma etching performance enhancement in semiconductor device fabrication   |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | US 2004072443   | A1   | 20040415 | US 2002-295601   | 20021114 |
|    | US 6833325  | B2   | 20041221 |                  |          |
|    | US 2004072430   | A1   | 20040415 | US 2003-674675   | 20030929 |
|    | WO 2004034445   | A2   | 20040422 | WO 2003-US31712  | 20031006 |
|    | WO 2004034445   | A3   | 20040812 |                  |          |
|    | WO 2004034445   | B1   | 20040930 |                  |          |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                  |          |
|    | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                  |          |
|    | AU 2003282718   | A1   | 20040504 | AU 2003-282718   | 20031006 |
|    | EP 1550153  | A2   | 20050706 | EP 2003-774602   | 20031006 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                  |          |
|    | US 2005037624   | A1   | 20050217 | US 2004-946181   | 20040920 |
| L4 | ANSWER 13 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Method for etching photolithographic reticles   |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | JP 2004038154   | A2   | 20040205 | JP 2003-136222   | 20030514 |
|    | US 2004072081   | A1   | 20040415 | US 2003-437729   | 20030513 |
| L4 | ANSWER 14 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Safety tires having good durability and riding comfort  |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | JP 2003118311   | A2   | 20030423 | JP 2002-94474    | 20020329 |
| L4 | ANSWER 15 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Silicon dioxide etching yield measurements with inductively coupled fluorocarbon plasmas  |      |          |                  |          |
| L4 | ANSWER 16 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Speed-of-sound, ideal-gas heat capacity, and second acoustic virial coefficient for mixing refrigerant difluoroethane (HFC152a) + difluoromethane (HCFC22)  |      |          |                  |          |
| L4 | ANSWER 17 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Resistive plate chambers for muon detection at LHC  |      |          |                  |          |
| L4 | ANSWER 18 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                  |          |
| TI | Heat transfer fluids useable for cooling items, such as optical fibers  |      |          |                  |          |
|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
| PI | WO 2002074709   | A1   | 20020926 | WO 2002-EP3030   | 20020314 |
|    | W: AU, BR, CN, IN, JP   |      |          |                  |          |
|    | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR  |      |          |                  |          |
|    | EP 1373153  | A1   | 20040102 | EP 2002-753572   | 20020314 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR   |      |          |                  |          |
|    | CN 1496340  | A    | 20040512 | CN 2002-806445   | 20020314 |

|               |    |          |                |          |
|---------------|----|----------|----------------|----------|
| US 2004227125 | A1 | 20041118 | US 2004-874079 | 20040622 |
| US 2005218371 | A1 | 20051006 | US 2005-130331 | 20050517 |

L4 ANSWER 19 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Algorithmically Compressed Data and the Topological Conjecture for the Inner-Core Electrons

L4 ANSWER 20 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Substrate cleaning apparatus and method

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | US 2002072016  | A1   | 20020613 | US 2000-737373  | 20001213 |
|    | US 6692903   | B2   | 20040217 |                 |          |
|    | WO 2002049078  | A2   | 20020620 | WO 2001-US48273 | 20011210 |
|    | WO 2002049078  | A3   | 20021024 |                 |          |
|    | W: CN, JP, KR, SG  |      |          |                 |          |
|    | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR |      |          |                 |          |

L4 ANSWER 21 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Hydrocarbon-based refrigerant mixture composition for replacing R-12 and R-22 refrigerants

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | KR 2000036953 | A    | 20000705 | KR 2000-17251   | 20000403 |

L4 ANSWER 22 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Formulations of mometasone and a bronchodilator for pulmonary administration

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | WO 2002011711   | A2   | 20020214 | WO 2001-US24093 | 20010801 |
|    | WO 2002011711   | A3   | 20030227 |                 |          |
|    | WO 2002011711   | B1   | 20040422 |                 |          |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW |      |          |                 |          |
|    | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|    | CA 2417973  | AA   | 20020214 | CA 2001-2417973 | 20010801 |
|    | AU 2001078115   | A5   | 20020218 | AU 2001-78115   | 20010801 |
|    | US 2002076382   | A1   | 20020620 | US 2001-920340  | 20010801 |
|    | EP 1311294  | A2   | 20030521 | EP 2001-956079  | 20010801 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR   |      |          |                 |          |
|    | US 2004198708   | A1   | 20041007 | US 2004-824711  | 20040414 |

L4 ANSWER 23 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Detection of fluorine containing gas compounds

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | JP 2002022725 | A2   | 20020123 | JP 2000-209708  | 20000711 |
|    | JP 3640601    | B2   | 20050420 |                 |          |

L4 ANSWER 24 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Additivity of the Correlation Energy in Some 3D Organic Molecules

L4 ANSWER 25 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Fluorohydrocarbon etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | WO 2002003439 | A2   | 20020110 | WO 2001-US41275 | 20010705 |

WO 2002003439 A3 20020606  
 WO 2002003439 C1 20020704  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,  
 HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,  
 RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 EP 1297564 A2 20030402 EP 2001-956164 20010705  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 JP 2004503082 T2 20040129 JP 2002-507425 20010705

L4 ANSWER 26 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Fabrication of electric circuits by reactive-gas etching of masked metal  
 layers on substrates

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| WO 2001096955  | A2   | 20011220 | WO 2001-US19282 | 20010615 |
| WO 2001096955  | A3   | 20021128 |                 |          |
| W: JP, US  |      |          |                 |          |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,<br>PT, SE, TR    |      |          |                 |          |
| EP 1290495   | A2   | 20030312 | EP 2001-946420  | 20010615 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI, CY, TR |      |          |                 |          |
| JP 2004503829  | T2   | 20040205 | JP 2002-511020  | 20010615 |
| US 2003003374  | A1   | 20030102 | US 2001-24958   | 20011218 |

L4 ANSWER 27 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI High-density plasma etching of carbon-based low-k materials in an  
 integrated circuit

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 6284149 | B1   | 20010904 | US 1998-156956  | 19980918 |

L4 ANSWER 28 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Flower-like capacitor structure for a memory cell

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 6281542 | B1   | 20010828 | US 1999-249840  | 19990215 |
| US 5973350 | A    | 19991026 | US 1998-60565   | 19980414 |

L4 ANSWER 29 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Apparatus for providing ozonated process fluid and methods for using same

| PATENT NO.   | KIND | DATE     | APPLICATION NO.  | DATE     |
|--|------|----------|------------------|----------|
| WO 2001040124  | A1   | 20010607 | WO 2000-US42449  | 20001201 |
| WO 2001040124  | C2   | 20020808 |                  |          |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,<br>CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,<br>HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,<br>LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,<br>SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,<br>ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM<br>RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,<br>DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,<br>BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |      |          |                  |          |
| US 2002066717  | A1   | 20020606 | US 2000-727661   | 20001201 |
| TW 490757  | B    | 20020611 | TW 2000-89125686 | 20010108 |

L4 ANSWER 30 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Cooling agent

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| RU 2135541 | C1   | 19990827 | RU 1997-120359  | 19971210 |

L4 ANSWER 31 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Fluoroethane etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed for semiconductor devices

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| US 6117791    | A    | 20000912 | US 1998-102152  | 19980622 |
| US 6537922    | B1   | 20030325 | US 2000-625144  | 20000725 |
| US 6875371    | B1   | 20050405 | US 2000-711324  | 20001113 |
| US 2003203639 | A1   | 20031030 | US 2003-396164  | 20030325 |

L4 ANSWER 32 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Evaluation of pentafluoroethane and 1,1-difluoroethane for a dielectric etch application in an inductively coupled plasma etch tool

L4 ANSWER 33 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Topical sprays containing film-forming polymers

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 2000045795   | A2   | 20000810 | WO 2000-GB366   | 20000207 |
| WO 2000045795   | A3   | 20010809 |                 |          |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW |      |          |                 |          |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| IN 186668   | A    | 20011020 | IN 1999-BO93    | 19990205 |
| CA 2359640  | AA   | 20000810 | CA 2000-2359640 | 20000207 |
| AU 2000024472   | A5   | 20000825 | AU 2000-24472   | 20000207 |
| AU 759515   | B2   | 20030417 |                 |          |
| BR 2000007997   | A    | 20011030 | BR 2000-7997    | 20000207 |
| EP 1150661  | A2   | 20011107 | EP 2000-902727  | 20000207 |
| EP 1150661  | B1   | 20031022 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO   |      |          |                 |          |
| JP 2002536319   | T2   | 20021029 | JP 2000-596915  | 20000207 |
| NZ 513208   | A    | 20030530 | NZ 2000-513208  | 20000207 |
| AT 252380   | E    | 20031115 | AT 2000-902727  | 20000207 |
| PT 1150661  | T    | 20040227 | PT 2000-902727  | 20000207 |
| ES 2209812  | T3   | 20040701 | ES 2000-902727  | 20000207 |
| US 6962691  | B1   | 20051108 | US 2000-503843  | 20000215 |
| ZA 2000005727   | A    | 20001221 | ZA 2000-5727    | 20001017 |
| NO 2001003815   | A    | 20011002 | NO 2001-3815    | 20010803 |
| HK 1042043  | A1   | 20040408 | HK 2002-103295  | 20020502 |
| US 2004213744   | A1   | 20041028 | US 2003-686517  | 20031016 |

L4 ANSWER 34 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Synthetic lubricating oil-C1-3-hydrofluorocarbon refrigerant combinations for low-temperature phase separation in refrigeration compressor units

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| WO 2000043464  | A1   | 20000727 | WO 1999-US31118 | 19991228 |
| W: AU, CA  |      |          |                 |          |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |      |          |                 |          |
| US 6374629   | B1   | 20020423 | US 1999-236707  | 19990125 |
| CA 2360536   | AA   | 20000727 | CA 1999-2360536 | 19991228 |
| EP 1153099   | A1   | 20011114 | EP 1999-968562  | 19991228 |
| EP 1153099   | B1   | 20040929 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  |      |          |                 |          |
| AU 774378  | B2   | 20040624 | AU 2000-25954   | 19991228 |

L4 ANSWER 35 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Variable load refrigeration system particularly for cryogenic temperatures



|    | PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE     |
|----|---|------|----------|------------------|----------|
| PI | US 6076372  | A    | 20000620 | US 1998-222809   | 19981230 |
|    | MX 9911766  | A    | 20000731 | MX 1999-11766    | 19991215 |
|    | ZA 9907869  | A    | 20000705 | ZA 1999-7869     | 19991223 |
|    | CA 2293191  | C    | 20040921 | CA 1999-2293191  | 19991224 |
|    | CA 2293191  | AA   | 20000630 |                  |          |
|    | TW 430733   | B    | 20010421 | TW 1999-88123007 | 19991227 |
|    | EP 1016839  | A2   | 20000705 | EP 1999-126062   | 19991228 |
|    | EP 1016839  | A3   | 20001102 |                  |          |
|    | EP 1016839  | B1   | 20030709 |                  |          |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO |      |          |                  |          |
|    | JP 2000205675   | A2   | 20000728 | JP 1999-373465   | 19991228 |
|    | JP 3678619  | B2   | 20050803 |                  |          |
|    | BR 9905991  | A    | 20000905 | BR 1999-5991     | 19991228 |
|    | CN 1265462  | A    | 20000906 | CN 1999-127429   | 19991228 |
|    | AT 244860   | E    | 20030715 | AT 1999-126062   | 19991228 |
|    | ES 2197568  | T3   | 20040101 | ES 1999-126062   | 19991228 |
|    | AU 9965541  | A1   | 20000706 | AU 1999-65541    | 19991230 |
|    | AU 753979   | B2   | 20021031 |                  |          |
|    | US 6426019  | B1   | 20020730 | US 2000-545670   | 20000407 |
|    | US 2003042463   | A1   | 20030306 | US 2002-201287   | 20020724 |
|    | US 6881354  | B2   | 20050419 |                  |          |

L4 ANSWER 36 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI A process for disposal of Halon 1301 (CBrF3)

L4 ANSWER 37 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Determination of the skin viscosity of glass via fiber elongation

L4 ANSWER 38 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Conversion under hydrogen of dichlorodifluoromethane and chlorodifluoromethane over nickel catalysts

L4 ANSWER 39 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Accidental release prevention

L4 ANSWER 40 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Cooling agent composition

|    | PATENT NO.                        | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-----------------------------------|------|----------|-----------------|----------|
| PI | WO 9910447                        | A1   | 19990304 | WO 1997-RU274   | 19970826 |
|    | W: BY, CZ, HU, MD, PL, SK, UA, US |      |          |                 |          |

L4 ANSWER 41 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Fixative vinyl acetate tetrapolymers

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | US 5830439  | A    | 19981103 | US 1997-857954  | 19970516 |
|    | US 5972329  | A    | 19991026 | US 1998-34574   | 19980304 |
|    | WO 9851266  | A2   | 19981119 | WO 1998-US5318  | 19980318 |
|    | WO 9851266  | A3   | 19990218 |                 |          |
|    | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
|    | RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
|    | AU 9868659  | A1   | 19981208 | AU 1998-68659   | 19980318 |

L4 ANSWER 42 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Selective etching of dielectrics using fluorohydrocarbon gas, NH3-generating gas, and carbon-oxygen gas

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 5814563 | A    | 19980929 | US 1996-660966  | 19960612 |

|             |    |          |                |          |
|-------------|----|----------|----------------|----------|
| US 5843847  | A  | 19981201 | US 1996-639388 | 19960429 |
| JP 10041274 | A2 | 19980213 | JP 1997-112887 | 19970430 |
| JP 10056001 | A2 | 19980224 | JP 1997-147995 | 19970605 |
| EP 813233   | A2 | 19971217 | EP 1997-304035 | 19970610 |
| EP 813233   | A3 | 19990825 |                |          |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

L4 ANSWER 43 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Spray formulation for testing of smoke detectors

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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|----|------------|---|----------|----------------|----------|
| PI | US 5785891 | A | 19980728 | US 1996-713058 | 19960912 |
|----|------------|---|----------|----------------|----------|

L4 ANSWER 44 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Coolant agent composition

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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|----|------------|----|----------|----------------|----------|
| PI | RU 2098445 | C1 | 19971210 | RU 1996-104188 | 19960301 |
|----|------------|----|----------|----------------|----------|

L4 ANSWER 45 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Method and apparatus for fluorine-assisted stripping and residue removal

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|

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|----|------------|----|----------|-----------------|----------|
| PI | WO 9814036 | A1 | 19980402 | WO 1997-US16886 | 19970924 |
|----|------------|----|----------|-----------------|----------|

W: JP, KR, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

|           |    |          |                |          |
|-----------|----|----------|----------------|----------|
| EP 868836 | A1 | 19981007 | EP 1997-944360 | 19970924 |
|-----------|----|----------|----------------|----------|

R: DE, FR, GB, IT, NL

|               |    |          |                |          |
|---------------|----|----------|----------------|----------|
| JP 2000501573 | T2 | 20000208 | JP 1998-515793 | 19970924 |
|---------------|----|----------|----------------|----------|

|            |   |          |                |          |
|------------|---|----------|----------------|----------|
| US 6082374 | A | 20000704 | US 1997-936548 | 19970924 |
|------------|---|----------|----------------|----------|

L4 ANSWER 46 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Palladium-assisted electrodehalogenation of 1,1,2-trichloro-1,2,2-trifluoroethane on lead cathodes combined with hydrogen diffusion anodes

L4 ANSWER 47 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Process for the reduction of chlorofluorocarbons and production of derivatives thereof in an electrolytic cell, cell for carrying out said reduction and process for removing the byproducts formed within the cell

|            |      |      |                 |      |
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| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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|----|------------|----|----------|---------------|----------|
| PI | WO 9724162 | A1 | 19970710 | WO 1996-ES248 | 19961226 |
|----|------------|----|----------|---------------|----------|

W: CA, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

|            |    |          |              |          |
|------------|----|----------|--------------|----------|
| ES 2103207 | A1 | 19970816 | ES 1995-2533 | 19951228 |
|------------|----|----------|--------------|----------|

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| ES 2103207 | B1 | 19980401 |  |  |
|------------|----|----------|--|--|

|           |    |          |                |          |
|-----------|----|----------|----------------|----------|
| EP 819448 | A1 | 19980121 | EP 1996-941667 | 19961226 |
|-----------|----|----------|----------------|----------|

|           |    |          |  |  |
|-----------|----|----------|--|--|
| EP 819448 | B1 | 20000517 |  |  |
|-----------|----|----------|--|--|

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

|           |   |          |                |          |
|-----------|---|----------|----------------|----------|
| AT 192939 | E | 20000615 | AT 1996-941667 | 19961226 |
|-----------|---|----------|----------------|----------|

|            |    |          |                |          |
|------------|----|----------|----------------|----------|
| ES 2148819 | T3 | 20001016 | ES 1996-941667 | 19961226 |
|------------|----|----------|----------------|----------|

|            |   |          |                |          |
|------------|---|----------|----------------|----------|
| US 6068756 | A | 20000530 | US 1997-913389 | 19971104 |
|------------|---|----------|----------------|----------|

L4 ANSWER 48 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Large scale fluorine doped textured transparent conducting SnO2 films deposited by atmospheric pressure chemical vapor deposition

L4 ANSWER 49 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Smell-added refrigerant compositions for leakage detection

|            |      |      |                 |      |
|------------|------|------|-----------------|------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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|----|-------------|----|----------|---------------|----------|
| PI | JP 08245952 | A2 | 19960924 | JP 1995-51647 | 19950313 |
|----|-------------|----|----------|---------------|----------|

L4 ANSWER 50 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Evaluation of critical parameters of halohydrocarbons and its quality codes

L4 ANSWER 51 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Single-phase aerosol antiperspirant composition

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9618378  | A2   | 19960620 | WO 1995-US16286 | 19951214 |
| W: AU, BR, CA, CH, CN, DE, ES, FI, GB, JP, KR, NO, NZ, PL, PT, RO, RU, SE, UA, VN |      |          |                 |          |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE                |      |          |                 |          |
| AU 9649618  | A1   | 19960703 | AU 1996-49618   | 19951214 |

L4 ANSWER 52 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Ab initio studies of fluorinated ethanes: electronic and energetic properties and reactions with hydroxyl radicals

L4 ANSWER 53 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Dehydrofluorination, fluorination, and decomposition of fluorohydrocarbons with phosphate catalysts

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 08104656 | A2   | 19960423 | JP 1994-243024  | 19941006 |

L4 ANSWER 54 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Preparation of a substrate having a fluoride-doped conductive coating

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| US 5496583  | A    | 19960305 | US 1994-297400  | 19940829 |
| WO 9606958  | A1   | 19960307 | WO 1995-US10854 | 19950828 |
| W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT |      |          |                 |          |
| RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 9534959  | A1   | 19960322 | AU 1995-34959   | 19950828 |

L4 ANSWER 55 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Four-component aerosol compositions

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| WO 9600564  | A1   | 19960111 | WO 1994-US7426  | 19940630 |
| W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN |      |          |                 |          |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 9473206  | A1   | 19960125 | AU 1994-73206   | 19940630 |

L4 ANSWER 56 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Aerosol detergent compositions with low toxicity for cleaning automotive brakes

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 07331290 | A2   | 19951219 | JP 1994-126602  | 19940608 |

L4 ANSWER 57 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Infrared photochemical properties of sensitized SO2-O2 mixtures

L4 ANSWER 58 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Energy-saving binary refrigerant mixtures without ozone layer depletion effect

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| CN 1097792 | A    | 19950125 | CN 1993-109083  | 19930721 |

L4 ANSWER 59 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Hair aerosol compositions containing polymers and dimethylether

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |   |    |          |                 |          |
|----|---|----|----------|-----------------|----------|
| PI | EP 663203                                     | A1 | 19950719 | EP 1994-402874  | 19941213 |
|    | EP 663203                                     | B1 | 20010919 |                 |          |
|    | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE |    |          |                 |          |
|    | FR 2715064                                    | A1 | 19950721 | FR 1994-367     | 19940114 |
|    | FR 2715064                                    | B1 | 19960209 |                 |          |
|    | AT 205698                                     | E  | 20011015 | AT 1994-402874  | 19941213 |
|    | CA 2138481                                    | AA | 19950715 | CA 1994-2138481 | 19941219 |
|    | CA 2138481                                    | C  | 20020625 |                 |          |
|    | HU 71747                                      | A2 | 19960129 | HU 1994-3827    | 19941229 |
|    | HU 218577                                     | B  | 20001028 |                 |          |
|    | PL 177758                                     | B1 | 20000131 | PL 1994-306585  | 19941229 |
|    | KR 166391                                     | B1 | 19990115 | KR 1994-40216   | 19941230 |
|    | BR 9500140                                    | A  | 19951017 | BR 1995-140     | 19950110 |
|    | CN 1113141                                    | A  | 19951213 | CN 1995-101243  | 19950113 |
|    | CN 1070358                                    | B  | 20010905 |                 |          |
|    | JP 08040847                                   | A2 | 19960213 | JP 1995-4323    | 19950113 |
|    | JP 2834417                                    | B2 | 19981209 |                 |          |
|    | RU 2124351                                    | C1 | 19990110 | RU 1995-100766  | 19950113 |
|    | US 6113923                                    | A  | 20000905 | US 1995-372395  | 19950113 |

L4 ANSWER 60 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Compositions and methods for manufacture of rigid foams

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |            |    |          |                |          |
|----|------------|----|----------|----------------|----------|
| PI | US 5391584 | A  | 19950221 | US 1993-27533  | 19930308 |
|    | ZA 9201888 | A  | 19921230 | ZA 1992-1888   | 19920313 |
|    | ZA 9201895 | A  | 19921230 | ZA 1992-1895   | 19920313 |
|    | CN 1067435 | A  | 19921230 | CN 1992-102958 | 19920327 |
|    | KR 227876  | B1 | 19991101 | KR 1992-5064   | 19920327 |
|    | US 5238970 | A  | 19930824 | US 1992-974353 | 19921110 |
|    | US 5240965 | A  | 19930831 | US 1992-974352 | 19921110 |
|    | US 5356556 | A  | 19941018 | US 1993-61007  | 19930514 |
|    | US 5368769 | A  | 19941129 | US 1993-67789  | 19930527 |
|    | CN 1133854 | A  | 19961023 | CN 1995-119832 | 19951114 |
|    | CN 1048995 | B  | 20000202 |                |          |

L4 ANSWER 61 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Refrigerating apparatus using difluoroethane-based refrigerating agents

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |             |    |          |                |          |
|----|-------------|----|----------|----------------|----------|
| PI | JP 07027431 | A2 | 19950127 | JP 1993-176804 | 19930716 |
|----|-------------|----|----------|----------------|----------|

L4 ANSWER 62 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Post treatment of a coated substrate with a gas containing excited halogen to remove residues

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |  |    |          |                |          |
|----|--|----|----------|----------------|----------|
| PI | WO 9502472   | A1 | 19950126 | WO 1994-US7751 | 19940712 |
|    | W: JP, KR, US  |    |          |                |          |
|    | RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |    |          |                |          |
|    | EP 710161  | A1 | 19960508 | EP 1994-922123 | 19940712 |
|    | R: DE  |    |          |                |          |
|    | JP 09502646  | T2 | 19970318 | JP 1994-504652 | 19940712 |

L4 ANSWER 63 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Manufacture of electrically conductive, soluble pyrrole-3-carboxylic acid ester polymers

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |             |    |          |                |          |
|----|-------------|----|----------|----------------|----------|
| PI | JP 06206986 | A2 | 19940726 | JP 1992-180695 | 19920708 |
|    | JP 3024867  | B2 | 20000327 |                |          |

L4 ANSWER 64 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Testing agents for smoke detectors and their manufacture

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

|    |            |   |          |                |          |
|----|------------|---|----------|----------------|----------|
| PI | CN 1084274 | A | 19940323 | CN 1993-119728 | 19931104 |
|----|------------|---|----------|----------------|----------|

L4 ANSWER 65 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Substance separation by the action of a pulsed IR laser radiation on gas-mixture flows through capillaries

L4 ANSWER 66 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of thermoplastic polyester foams by extrusion

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 06145404 | A2   | 19940524 | JP 1992-317764  | 19921102 |
| JP 2801483  | B2   | 19980921 |                 |          |

L4 ANSWER 67 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI One-component system for preparation of rigid polyurethane foam with dimensional stability

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| DE 4303887 | A1   | 19940421 | DE 1993-4303887 | 19930210 |

L4 ANSWER 68 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Gaseous doping of tungsten oxide

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 5324537 | A    | 19940628 | US 1993-86796   | 19930706 |

L4 ANSWER 69 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Hydrofluorocarbon plasma submicron silicon dioxide etch in an axisymmetric static magnetron

L4 ANSWER 70 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of semiconductor devices

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 06029263 | A2   | 19940204 | JP 1992-179993  | 19920707 |

L4 ANSWER 71 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of semiconductor device by plasma etching

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 06021016 | A2   | 19940128 | JP 1992-174114  | 19920701 |

L4 ANSWER 72 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Manufacture of flexible polyurethane foams having low density

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| JP 05320300 | A2   | 19931203 | JP 1992-134451  | 19920428 |

L4 ANSWER 73 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Antiperspirant aerosol composition with high solid content

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| CA 2093781  | AA   | 19931017 | CA 1993-2093781 | 19930408 |
| AU 9336751  | A1   | 19931021 | AU 1993-36751   | 19930406 |
| AU 671104   | B2   | 19960815 |                 |          |
| EP 570085   | A2   | 19931118 | EP 1993-250104  | 19930408 |
| EP 570085   | A3   | 19940309 |                 |          |
| R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, LU, NL, SE |      |          |                 |          |
| BR 9301551  | A    | 19931019 | BR 1993-1551    | 19930415 |
| ZA 9302658  | A    | 19941015 | ZA 1993-2658    | 19930415 |
| US 5605682  | A    | 19970225 | US 1994-238195  | 19940504 |
| US 5605682  | B1   | 19990223 |                 |          |

L4 ANSWER 74 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Dependence of the gas-chromatographic retention parameters for simple halogen-containing compounds on their physicochemical characteristics

L4 ANSWER 75 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Stabilized polyoxyalkylene glycols

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| WO 9217563 | A1   | 19921015 | WO 1992-US2148  | 19920318 |

W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO,  
PL, RO, RU, SD

RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN,  
GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG

AU 9217754 A1 19921102 AU 1992-17754 19920318

|    |  |        |           |                 |          |
|----|--|--------|-----------|-----------------|----------|
| L4 | ANSWER 76 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05117646  | A2     | 19930514  | JP 1991-281038  | 19911028 |
| L4 | ANSWER 77 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017743  | A2     | 19930126  | JP 1991-171032  | 19910711 |
| L4 | ANSWER 78 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017746  | A2     | 19930126  | JP 1991-171035  | 19910711 |
| L4 | ANSWER 79 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017748  | A2     | 19930126  | JP 1991-172368  | 19910712 |
| L4 | ANSWER 80 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017751  | A2     | 19930126  | JP 1991-172371  | 19910712 |
| L4 | ANSWER 81 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017755  | A2     | 19930126  | JP 1991-172375  | 19910712 |
| L4 | ANSWER 82 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Working fluids   |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 05017758  | A2     | 19930126  | JP 1991-172378  | 19910712 |
| L4 | ANSWER 83 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Prediction of refrigerant thermodynamic properties by equations of state:<br>vapor liquid equilibrium behavior of binary mixtures  |        |           |                 |          |
| L4 | ANSWER 84 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Crosslinked polyolefin foaming compositions  |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 04159339  | A2     | 19920602  | JP 1990-283331  | 19901023 |
| L4 | ANSWER 85 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Performance-oriented packaging standards; changes to classification,<br>hazard communication, packaging and handling requirements based on UN<br>standards and agency initiative |        |           |                 |          |
| L4 | ANSWER 86 OF 214   | CAPLUS | COPYRIGHT | 2006 ACS on STN |          |
| TI | Manufacture of expandable vinylidene chloride resin particles  |        |           |                 |          |
|    | PATENT NO.   | KIND   | DATE      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----     | -----           | -----    |
| PI | JP 03223346  | A2     | 19911002  | JP 1990-17733   | 19900130 |

L4 ANSWER 87 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Multivariate modeling of the rate constant of the gas-phase reaction of haloalkanes with the hydroxyl radical

L4 ANSWER 88 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Vinylidene chloride polymer foam moldings for thermal insulators of refrigerators

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03225182 | A2   | 19911004 | JP 1990-17732   | 19900130 |

L4 ANSWER 89 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Preparation of thermally insulating urethane foams

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03137139 | A2   | 19910611 | JP 1989-276342  | 19891023 |

L4 ANSWER 90 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03220285 | A2   | 19910927 | JP 1990-242131  | 19900911 |
|    | JP 2532736  | B2   | 19960911 |                 |          |

L4 ANSWER 91 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Combustion-engineering safety data of the material pair R152A/R134A as a non-ozone-damaging alternative to conventional refrigerants

L4 ANSWER 92 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03170583 | A2   | 19910724 | JP 1989-311149  | 19891130 |
|    | US 5433879  | A    | 19950718 | US 1993-125146  | 19930923 |

L4 ANSWER 93 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03168271 | A2   | 19910722 | JP 1989-309652  | 19891129 |

L4 ANSWER 94 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03170593 | A2   | 19910724 | JP 1989-311164  | 19891130 |

L4 ANSWER 95 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03170592 | A2   | 19910724 | JP 1989-311163  | 19891130 |
|    | US 5433879  | A    | 19950718 | US 1993-125146  | 19930923 |

L4 ANSWER 96 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03170590 | A2   | 19910724 | JP 1989-311160  | 19891130 |
|    | JP 2580349  | B2   | 19970212 |                 |          |
|    | US 5304319  | A    | 19940419 | US 1992-839700  | 19920224 |

L4 ANSWER 97 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 03170589 | A2   | 19910724 | JP 1989-311159  | 19891130 |

L4 ANSWER 98 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

| TI | Working fluids   | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
|----|--|------------|---------------------------|-----------------|-----------------|------|
| PI | JP 03168261  | A2         | 19910722                  | JP 1989-309640  | 19891129        |      |
| L4 | ANSWER 99 OF 214   | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Working fluids   | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03168287  | A2         | 19910722                  | JP 1989-309669  | 19891129        |      |
| L4 | ANSWER 100 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Working fluids   | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03168290  | A2         | 19910722                  | JP 1989-309672  | 19891129        |      |
| L4 | ANSWER 101 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Apparatus for preparation of urethane foaming solutions without ozone layer depletion                                      | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03150109  | A2         | 19910626                  | JP 1989-289729  | 19891106        |      |
|    | JP 2706992   | B2         | 19980128                  |                 |                 |      |
| L4 | ANSWER 102 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Apparatus for manufacture of foaming urethane solutions  | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03150108  | A2         | 19910626                  | JP 1989-289728  | 19891106        |      |
|    | JP 2706991   | B2         | 19980128                  |                 |                 |      |
| L4 | ANSWER 103 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Semiempirical calculation of ESCA shifts in oxygen, nitrogen, fluorine and silicon inner core levels by the AM1-AMEP model |            |                           |                 |                 |      |
| L4 | ANSWER 104 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Aerosol compositions for topical medicament  | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | EP 423695  | A2         | 19910424                  | EP 1990-119769  | 19901015        |      |
|    | EP 423695  | A3         | 19911002                  |                 |                 |      |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE  |            |                           |                 |                 |      |
|    | AU 9064634   | A1         | 19910426                  | AU 1990-64634   | 19901015        |      |
|    | NO 9004492   | A          | 19910422                  | NO 1990-4492    | 19901017        |      |
|    | CA 2027952   | AA         | 19910420                  | CA 1990-2027952 | 19901018        |      |
|    | JP 03255023  | A2         | 19911113                  | JP 1990-281690  | 19901019        |      |
|    | US 5378451   | A          | 19950103                  | US 1993-126747  | 19930927        |      |
| L4 | ANSWER 105 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Etching of semiconductor with fluoride and hydrocarbon gas   | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | JP 03083335  | A2         | 19910409                  | JP 1989-218530  | 19890828        |      |
|    | EP 497023  | A1         | 19920805                  | EP 1991-300793  | 19910131        |      |
|    | R: DE, FR, GB  |            |                           |                 |                 |      |
|    | US 5110408   | A          | 19920505                  | US 1991-658254  | 19910220        |      |
| L4 | ANSWER 106 OF 214  | CAPLUS     | COPYRIGHT 2006 ACS on STN |                 |                 |      |
| TI | Preparation of rigid polyurethane foams with low thermal conductivity  | PATENT NO. | KIND                      | DATE            | APPLICATION NO. | DATE |
| PI | EP 421269  | A2         | 19910410                  | EP 1990-118532  | 19900927        |      |
|    | EP 421269  | A3         | 19910904                  |                 |                 |      |
|    | EP 421269  | B1         | 19960110                  |                 |                 |      |
|    | EP 421269  | B2         | 20020502                  |                 |                 |      |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE  |            |                           |                 |                 |      |
|    | DE 3933335   | A1         | 19910411                  | DE 1989-3933335 | 19891006        |      |
|    | DE 3933335   | C2         | 19980806                  |                 |                 |      |



|             |    |          |                 |          |
|-------------|----|----------|-----------------|----------|
| US 5096933  | A  | 19920317 | US 1990-577174  | 19900904 |
| US 5096933  | B1 | 19960326 |                 |          |
| CA 2024714  | AA | 19910407 | CA 1990-2024714 | 19900906 |
| CA 2024714  | C  | 19980623 |                 |          |
| AT 132882   | E  | 19960115 | AT 1990-118532  | 19900927 |
| ES 2081887  | T3 | 19960316 | ES 1990-118532  | 19900927 |
| JP 03152160 | A2 | 19910628 | JP 1990-266573  | 19901005 |
| JP 3216646  | B2 | 20011009 |                 |          |
| KR 173981   | B1 | 19990401 | KR 1990-15963   | 19901006 |

|    |                   |        |                           |                 |          |
|----|-------------------|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 107 OF 214 | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Working fluid     |        |                           |                 |          |
|    | PATENT NO.        | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----             | ----   | -----                     | -----           | -----    |
| PI | EP 430170         | A1     | 19910605                  | EP 1990-122653  | 19901127 |
|    | EP 430170         | B1     | 19940803                  |                 |          |
|    | R: DE, FR, GB     |        |                           |                 |          |
|    | JP 03170584       | A2     | 19910724                  | JP 1989-311153  | 19891130 |
|    | JP 2532695        | B2     | 19960911                  |                 |          |
|    | JP 03170587       | A2     | 19910724                  | JP 1989-311156  | 19891130 |
|    | JP 2532696        | B2     | 19960911                  |                 |          |

|    |                   |        |                           |                 |          |
|----|-------------------|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 108 OF 214 | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Working fluid     |        |                           |                 |          |
|    | PATENT NO.        | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----             | ----   | -----                     | -----           | -----    |
| PI | EP 430171         | A1     | 19910605                  | EP 1990-122654  | 19901127 |
|    | EP 430171         | B1     | 19931006                  |                 |          |
|    | R: DE, FR, GB     |        |                           |                 |          |
|    | JP 03172384       | A2     | 19910725                  | JP 1989-311166  | 19891130 |
|    | JP 2532697        | B2     | 19960911                  |                 |          |
|    | JP 03172386       | A2     | 19910725                  | JP 1989-311168  | 19891130 |
|    | JP 2548412        | B2     | 19961030                  |                 |          |

|    |   |        |                           |  |  |
|----|---|--------|---------------------------|--|--|
| L4 | ANSWER 109 OF 214   | CAPLUS | COPYRIGHT 2006 ACS on STN |  |  |
| TI | Catalytic hydrodechlorination of freon 113, (CFC 113, CCl2FCClF2) |        |                           |  |  |

|    |   |        |                           |                 |          |
|----|---|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 110 OF 214   | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Production of ion beams by chemically enhanced sputtering of solids |        |                           |                 |          |
|    | PATENT NO.  | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----   | ----   | -----                     | -----           | -----    |
| PI | WO 9010303  | A1     | 19900907                  | WO 1990-US677   | 19900206 |
|    | WO 9010303  | A3     | 19901018                  |                 |          |
|    | W: JP, KP   |        |                           |                 |          |
|    | RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE                  |        |                           |                 |          |
|    | US 5089746  | A      | 19920218                  | US 1989-311504  | 19890214 |

|    |  |        |                           |                 |          |
|----|--|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 111 OF 214  | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Anti-reflective coating comprising light metal fluorides |        |                           |                 |          |
|    | PATENT NO.   | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----                     | -----           | -----    |
| PI | EP 400796  | A1     | 19901205                  | EP 1990-304073  | 19900417 |
|    | EP 400796  | B1     | 19940316                  |                 |          |
|    | R: DE, FR, GB  |        |                           |                 |          |
|    | CA 2015802   | AA     | 19901130                  | CA 1990-2015802 | 19900501 |
|    | JP 03017601  | A2     | 19910125                  | JP 1990-139560  | 19900529 |
|    | US 5208101   | A      | 19930504                  | US 1991-723992  | 19910701 |

|    |  |        |                           |                 |          |
|----|--|--------|---------------------------|-----------------|----------|
| L4 | ANSWER 112 OF 214  | CAPLUS | COPYRIGHT 2006 ACS on STN |                 |          |
| TI | Manufacture of flame-retardant styrene resin laminar foams |        |                           |                 |          |
|    | PATENT NO.   | KIND   | DATE                      | APPLICATION NO. | DATE     |
|    | -----  | ----   | -----                     | -----           | -----    |
| PI | JP 02123143  | A2     | 19900510                  | JP 1988-274431  | 19881101 |
|    | JP 06045719  | B4     | 19940615                  |                 |          |

|    |  |        |                           |  |  |
|----|--|--------|---------------------------|--|--|
| L4 | ANSWER 113 OF 214  | CAPLUS | COPYRIGHT 2006 ACS on STN |  |  |
| TI | Laser induced nonstationary processes in gaseous mixtures through porous media |        |                           |  |  |

L4 ANSWER 114 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Combining a blowing agent with at least one liquid reaction component in polyurethane foam manufacture

|    | PATENT NO.                                    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | DE 3819630                                    | A1   | 19891214 | DE 1988-3819630 | 19880609 |
|    | EP 345580                                     | A2   | 19891213 | EP 1989-109610  | 19890527 |
|    | EP 345580                                     | A3   | 19900926 |                 |          |
|    | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE |      |          |                 |          |
|    | JP 02039921                                   | A2   | 19900208 | JP 1989-143203  | 19890607 |

L4 ANSWER 115 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Heat pumps with fluorocarbon working fluids

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 01200153 | A2   | 19890811 | JP 1988-25011   | 19880204 |

L4 ANSWER 116 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Process for restoring deactivated Group VIII element-zeolite catalysts for aromatic compound production

|    | PATENT NO.                            | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------------------------------|------|----------|-----------------|----------|
| PI | EP 316727                             | A1   | 19890524 | EP 1988-118621  | 19881109 |
|    | EP 316727                             | B1   | 19920122 |                 |          |
|    | R: BE, CH, DE, FR, GB, IT, LI, NL, SE |      |          |                 |          |
|    | US 4937215                            | A    | 19900626 | US 1988-256697  | 19881012 |
|    | CA 1317927                            | A1   | 19930518 | CA 1988-580661  | 19881019 |
|    | JP 01231944                           | A2   | 19890918 | JP 1988-280348  | 19881108 |

L4 ANSWER 117 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Pyrolytically coated plateglass and its manufacture

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | DE 3823089  | A1   | 19890119 | DE 1988-3823089 | 19880707 |
|    | GB 2206878  | A1   | 19890118 | GB 1987-16388   | 19870711 |
|    | GB 2206878  | B2   | 19910717 |                 |          |
|    | ES 2006972  | A6   | 19890516 | ES 1988-1782    | 19880608 |
|    | BE 1002216  | A4   | 19901016 | BE 1988-683     | 19880615 |
|    | FR 2617833  | A1   | 19890113 | FR 1988-8210    | 19880616 |
|    | FR 2617833  | B1   | 19920417 |                 |          |
|    | AT 8801725  | A    | 19940615 | AT 1988-1725    | 19880704 |
|    | NL 8801713  | A    | 19890201 | NL 1988-1713    | 19880707 |
|    | CH 675416   | A    | 19900928 | CH 1988-2595    | 19880707 |
|    | SE 8802578  | A    | 19890112 | SE 1988-2578    | 19880708 |
|    | SE 465921   | B    | 19911118 |                 |          |
|    | SE 465921   | C    | 19920312 |                 |          |
|    | JP 01033033 | A2   | 19890202 | JP 1988-170751  | 19880708 |

L4 ANSWER 118 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Multilayer heat insulators and their manufacture

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|-------------|------|----------|-----------------|----------|
| PI | JP 63149142 | A2   | 19880621 | JP 1986-297088  | 19861212 |

L4 ANSWER 119 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Process for protecting electrochemical sensors from biofouling in an aquatic environment

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 4763537 | A    | 19880816 | US 1986-941774  | 19861215 |

L4 ANSWER 120 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Laser action on resonant molecular flows through capillaries

L4 ANSWER 121 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Aerosol waterproof sunscreen compositions

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 4686099 | A    | 19870811 | US 1985-807488  | 19851210 |

|            |    |          |              |          |
|------------|----|----------|--------------|----------|
| GB 2202740 | A1 | 19881005 | GB 1987-7617 | 19870331 |
| GB 2202740 | B2 | 19901212 |              |          |

L4 ANSWER 122 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Improvement of the hydrolytic resistance of bottles by surface treatment

L4 ANSWER 123 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Manufacture of hollow fibers

| PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|----------------|------|----------|-----------------|----------|
| -----          | ---- | -----    | -----           | -----    |
| PI JP 62117813 | A2   | 19870529 | JP 1985-255018  | 19851115 |

L4 ANSWER 124 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Laser action on gas mixture flows through metal capillaries

L4 ANSWER 125 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Silica film etching

| PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|----------------|------|----------|-----------------|----------|
| -----          | ---- | -----    | -----           | -----    |
| PI JP 61251138 | A2   | 19861108 | JP 1985-93024   | 19850430 |

L4 ANSWER 126 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Effect of laser radiation on the passage of resonance molecules through capillaries in a transient-flow region

L4 ANSWER 127 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Semiconductor device

| PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|----------------|------|----------|-----------------|----------|
| -----          | ---- | -----    | -----           | -----    |
| PI JP 60143633 | A2   | 19850729 | JP 1984-250543  | 19841129 |
| JP 61004179    | B4   | 19860207 |                 |          |

L4 ANSWER 128 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Nonflammable aerosol propellant microemulsion system

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| -----         | ---- | -----    | -----           | -----    |
| PI US 4536323 | A    | 19850820 | US 1983-508643  | 19830628 |
| CA 1205349    | A1   | 19860603 | CA 1984-457246  | 19840622 |
| AU 574715     | B2   | 19880714 | AU 1984-33083   | 19840917 |
| AU 8433083    | A1   | 19860327 |                 |          |
| US 4655959    | A    | 19870407 | US 1985-749962  | 19850701 |

L4 ANSWER 129 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Gas and method for selective etching of silicon nitride

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| -----         | ---- | -----    | -----           | -----    |
| PI DE 3420347 | A1   | 19841206 | DE 1984-3420347 | 19840530 |
| DE 3420347    | C2   | 19870820 |                 |          |
| JP 59222933   | A2   | 19841214 | JP 1983-95651   | 19830601 |
| JP 60115232   | A2   | 19850621 | JP 1983-222072  | 19831128 |
| NL 8401774    | A    | 19850102 | NL 1984-1774    | 19840601 |
| US 4529476    | A    | 19850716 | US 1984-616114  | 19840601 |

L4 ANSWER 130 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Limit of thermal ignition for a light-initiated unbranched chain reaction

L4 ANSWER 131 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Determination of parameters of the interaction potential of polar molecules

L4 ANSWER 132 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Hydrotreating vacuum gas oils with catalyst and an added organic fluorine compound

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| -----         | ---- | -----    | -----           | -----    |
| PI US 4420388 | A    | 19831213 | US 1981-301754  | 19810914 |
| JP 59202291   | A2   | 19841116 | JP 1983-77342   | 19830430 |

L4 ANSWER 133 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN

TI Foamed body of a vinyl chloride-based resin composition

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| GB 2110216  | A1   | 19830615 | GB 1982-32528   | 19821115 |
| JP 58084832 | A2   | 19830521 | JP 1981-183349  | 19811116 |
| JP 62017613 | B4   | 19870418 |                 |          |
| JP 58087135 | A2   | 19830524 | JP 1981-185968  | 19811119 |
| JP 02030341 | B4   | 19900705 |                 |          |

L4 ANSWER 134 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Solubility of vinyl chloride, trifluorochloroethylene, difluoroethane, hexafluoropropylene, and hexafluoropropylene oxide in water

L4 ANSWER 135 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Viscosity of difluoroethane

L4 ANSWER 136 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Specification and usage requirements for 3AL seamless, aluminum cylinders

L4 ANSWER 137 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Fluorination of catalysts

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|-------------|------|----------|-----------------|----------|
| GB 2024642  | A    | 19800116 | GB 1979-23338   | 19790704 |
| GB 2024642  | B2   | 19820818 |                 |          |
| FR 2430263  | A1   | 19800201 | FR 1978-20182   | 19780706 |
| FR 2430263  | B1   | 19810102 |                 |          |
| CA 1137062  | A1   | 19821207 | CA 1979-326392  | 19790426 |
| NL 7905206  | A    | 19800108 | NL 1979-5206    | 19790704 |
| DE 2927052  | A1   | 19800117 | DE 1979-2927052 | 19790704 |
| JP 55011097 | A2   | 19800125 | JP 1979-84050   | 19790704 |
| JP 62052623 | B4   | 19871106 |                 |          |

L4 ANSWER 138 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Solvent effects on the distribution coefficients. III. The solubility of some lower fluoro- and chlorohydrocarbons in organic solvents

L4 ANSWER 139 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Determination of gas-kinetic diameters of molecules of difluoroethane and fluoro-substituted derivatives of ethylene

L4 ANSWER 140 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Determination of the gas-kinetic diameters of molecules of difluoroethane and fluorine-substituted derivatives of ethylene

L4 ANSWER 141 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Effect of diffusion on absorption and saturation of infrared radiation in molecular gases

L4 ANSWER 142 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Study of the thermal conductivity of toluene and some difluoroethanes at high pressures

L4 ANSWER 143 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Toxicity of aerosol propellants in the respiratory and circulatory systems. VIII. Respiration and circulation in primates

L4 ANSWER 144 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Effect of diffusion on absorption and saturation of infrared radiation in molecular gases

L4 ANSWER 145 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Toxicity of aerosol propellants in the respiratory and circulatory systems. VI. Influence of cardiac and pulmonary vascular lesions in the rat

L4 ANSWER 146 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Cardiopulmonary toxicity of propellants for aerosols

L4 ANSWER 147 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Solubility of chlorine, hydrogen chloride, difluoro- and difluorochloroethanes in chloroorganic solvents

L4 ANSWER 148 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Toxicity of aerosol propellants on the respiratory and circulatory systems. III. Influence of bronchopulmonary lesion on cardiopulmonary toxicity in the mouse

L4 ANSWER 149 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Toxicity of aerosol propellants in the respiratory and circulatory systems. IV. Cardiotoxicity in the monkey

L4 ANSWER 150 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Identification of absorption lines in gases used to modulate the carbon dioxide laser

L4 ANSWER 151 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Thermal energy electron attachment rate constants for some polyatomic molecules

L4 ANSWER 152 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Regeneration of hydrocracking catalysts

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| DE 2249892 | A1   | 19730419 | DE 1972-2249892 | 19721011 |
| US 3725244 | A    | 19730403 | US 1971-188408  | 19711013 |

L4 ANSWER 153 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Hydrocracking catalyst activation treatment

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 3673108 | A    | 19720627 | US 1969-889681  | 19691231 |

L4 ANSWER 154 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Homopolymers and copolymers of vinylidene fluoride

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|------|
| FR 1570233 |      | 19690606 | FR              |      |
| DE 1770672 |      |          | DE              |      |
| GB 1188889 |      |          | GB              |      |
| US 3616371 |      | 19710000 | US              |      |

L4 ANSWER 155 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Metal oxide films

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|------|
| GB 1167128 |      | 19691015 | GB              |      |
| FR 1572757 |      |          | FR              |      |
| US 3477936 |      | 19690000 | US              |      |

L4 ANSWER 156 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Gas-chromatographic analysis of aerosols by pressurized liquid sampling

L4 ANSWER 157 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Hair waving, two phase, quick breaking, aerosol foam

| PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|------------|------|----------|-----------------|----------|
| US 3433868 | A    | 19690318 | US 1964-385467  | 19640727 |

L4 ANSWER 158 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Concentration of sea water and brine by the gas hydration process. XIV. Pressure and temperature diagrams of mixed hydrating agents

L4 ANSWER 159 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Careful removal of acetylene and difluoroethane from vinyl fluoride

L4 ANSWER 160 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Studies on explosions. I

|    |  |      |          |                 |          |
|----|--|------|----------|-----------------|----------|
| L4 | ANSWER 161 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | Conversion of hydrocarbons by hydrogen   |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | FR 1349148   |      | 19640117 | FR              | 19620408 |
| L4 | ANSWER 162 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | Effect of anions on the electrocrystallization of zinc and cadmium   |      |          |                 |          |
| L4 | ANSWER 163 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | The electrochemical fluorination of organosilicon compounds  |      |          |                 |          |
| L4 | ANSWER 164 OF 214 CAPLUS COPYRIGHT 2006 ACS on STN   |      |          |                 |          |
| TI | Refrigerant mixture of dichlorodifluoromethane and difluoroethane  |      |          |                 |          |
|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|    | -----  | ---- | -----    | -----           | -----    |
| PI | US 23358   |      | 19510417 | US              |          |
| L4 | ANSWER 165 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Materials and methods for the conversion of hydrofluorocarbons   |      |          |                 |          |
| PI | US 2005288536  | A1   | 20051229 |                 |          |
| L4 | ANSWER 166 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Process for making polyurethane and polyisocyanurate foams using mixtures of a hydrofluorocarbon and methyl formate as a blowing agent                                 |      |          |                 |          |
| PI | US 2005277701  | A1   | 20051215 |                 |          |
| L4 | ANSWER 167 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Topical spray compositions   |      |          |                 |          |
| PI | US 6962691   | B1   | 20051108 |                 |          |
| L4 | ANSWER 168 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Heat transfer fluids and methods of making and using same  |      |          |                 |          |
| PI | US 2005218371  | A1   | 20051006 |                 |          |
| L4 | ANSWER 169 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Refrigerant composition  |      |          |                 |          |
| PI | US 2005109977  | A1   | 20050526 |                 |          |
| L4 | ANSWER 170 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Closed cycle refrigeration system and mixed component refrigerant  |      |          |                 |          |
| PI | US 2005086950  | A1   | 20050428 |                 |          |
| L4 | ANSWER 171 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |      |          |                 |          |
| PI | US 6875371   | B1   | 20050405 |                 |          |
| L4 | ANSWER 172 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Heat transfer fluids and methods of making and using same  |      |          |                 |          |
| PI | US 2004227125  | A1   | 20041118 |                 |          |
| L4 | ANSWER 173 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Topical spray compositions   |      |          |                 |          |
| PI | US 2004213744  | A1   | 20041028 |                 |          |
| L4 | ANSWER 174 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Formulations of mometasone and a bronchodilator for pulmonary administration   |      |          |                 |          |
| PI | US 2004198708  | A1   | 20041007 |                 |          |
| L4 | ANSWER 175 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Sol-gel-derived halogen-doped glass  |      |          |                 |          |
| PI | US 2004194511  | A1   | 20041007 |                 |          |
| L4 | ANSWER 176 OF 214 USPATFULL on STN   |      |          |                 |          |
| TI | Materials and methods for the conversion of hydrofluorocarbons   |      |          |                 |          |

|    |  |    |          |
|----|--|----|----------|
| PI | US 2004127757  | A1 | 20040701 |
| L4 | ANSWER 177 OF 214 USPATFULL on STN   |    |          |
| TI | Method for plasma etching performance enhancement  |    |          |
| PI | US 2004072443  | A1 | 20040415 |
|    | US 6833325   | B2 | 20041221 |
| L4 | ANSWER 178 OF 214 USPATFULL on STN   |    |          |
| TI | Methods for etching photolithographic reticles   |    |          |
| PI | US 2004072081  | A1 | 20040415 |
| L4 | ANSWER 179 OF 214 USPATFULL on STN   |    |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |    |          |
| PI | US 2003203639  | A1 | 20031030 |
| L4 | ANSWER 180 OF 214 USPATFULL on STN   |    |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |    |          |
| PI | US 6537922   | B1 | 20030325 |
| L4 | ANSWER 181 OF 214 USPATFULL on STN   |    |          |
| TI | Variable load refrigeration system particularly for cryogenic temperatures   |    |          |
| PI | US 6426019   | B1 | 20020730 |
| L4 | ANSWER 182 OF 214 USPATFULL on STN   |    |          |
| TI | Formulations of mometasone and a bronchodilator for pulmonary administration   |    |          |
| PI | US 2002076382  | A1 | 20020620 |
| L4 | ANSWER 183 OF 214 USPATFULL on STN   |    |          |
| TI | Substrate cleaning apparatus and method  |    |          |
| PI | US 2002072016  | A1 | 20020613 |
|    | US 6692903   | B2 | 20040217 |
| L4 | ANSWER 184 OF 214 USPATFULL on STN   |    |          |
| TI | Apparatus for providing ozonated process fluid and methods for using same  |    |          |
| PI | US 2002066717  | A1 | 20020606 |
| L4 | ANSWER 185 OF 214 USPATFULL on STN   |    |          |
| TI | Lubricant refrigerant composition for hydrofluorocarbon (HFC) refrigerants   |    |          |
| PI | US 6374629   | B1 | 20020423 |
| L4 | ANSWER 186 OF 214 USPATFULL on STN   |    |          |
| TI | High-density plasma etching of carbon-based low-k materials in a integrated circuit  |    |          |
| PI | US 6284149   | B1 | 20010904 |
| L4 | ANSWER 187 OF 214 USPATFULL on STN   |    |          |
| TI | Flower-like capacitor structure for a memory cell  |    |          |
| PI | US 6281542   | B1 | 20010828 |
| L4 | ANSWER 188 OF 214 USPATFULL on STN   |    |          |
| TI | Etchant with selectivity for doped silicon dioxide over undoped silicon dioxide and silicon nitride, processes which employ the etchant, and structures formed thereby |    |          |
| PI | US 6117791   |    | 20000912 |
| L4 | ANSWER 189 OF 214 USPATFULL on STN   |    |          |
| TI | Aerosol cosmetic compositions, aerosols containing them and uses   |    |          |
| PI | US 6113923   |    | 20000905 |
| L4 | ANSWER 190 OF 214 USPATFULL on STN   |    |          |
| TI | Fluorine assisted stripping and residue removal in sapphire downstream   |    |          |

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| PI | plasma asher<br>US 6082374   | 20000704 |
| L4 | ANSWER 191 OF 214 USPATFULL on STN   |          |
| TI | Variable load refrigeration system particularly for cryogenic temperatures   |          |
| PI | US 6076372   | 20000620 |
| L4 | ANSWER 192 OF 214 USPATFULL on STN   |          |
| TI | Process for the reduction of chlorofluorocarbons and production of derivatives thereof in an electrolytic cell, cell for carrying out said reduction and process for removing the by-products formed within the cell |          |
| PI | US 6068756<br>WO 9724162 19970410  | 20000530 |
| L4 | ANSWER 193 OF 214 USPATFULL on STN   |          |
| TI | Fixative vinyl acetate tetrapolymers   |          |
| PI | US 5830439   | 19981103 |
| L4 | ANSWER 194 OF 214 USPATFULL on STN   |          |
| TI | Method for etching dielectric using fluorohydrocarbon gas, NH.sub.3-generating gas, and carbon-oxygen gas  |          |
| PI | US 5814563   | 19980929 |
| L4 | ANSWER 195 OF 214 USPATFULL on STN   |          |
| TI | Spray formulation for the testing of smoke detectors   |          |
| PI | US 5785891   | 19980728 |
| L4 | ANSWER 196 OF 214 USPATFULL on STN   |          |
| TI | Antiperspirant aerosol composition with high solids content  |          |
| PI | US 5605682   | 19970225 |
| L4 | ANSWER 197 OF 214 USPATFULL on STN   |          |
| TI | Hydrogen fluoride dopant source in the preparation of conductive coated substrate  |          |
| PI | US 5496583   | 19960305 |
| L4 | ANSWER 198 OF 214 USPATFULL on STN   |          |
| TI | Working fluid containing difluoroethane  |          |
| PI | US 5433879   | 19950718 |
| L4 | ANSWER 199 OF 214 USPATFULL on STN   |          |
| TI | Manufacture of rigid foams and compositions therefor   |          |
| PI | US 5391584   | 19950221 |
| L4 | ANSWER 200 OF 214 USPATFULL on STN   |          |
| TI | Topical medicinal pressurized aerosol compositions and method of preparation, method of use and article of manufacture thereof   |          |
| PI | US 5378451   | 19950103 |
| L4 | ANSWER 201 OF 214 USPATFULL on STN   |          |
| TI | Gaseous doping of tungsten oxide   |          |
| PI | US 5324537   | 19940628 |
| L4 | ANSWER 202 OF 214 USPATFULL on STN   |          |
| TI | Working fluid  |          |
| PI | US 5304319   | 19940419 |
| L4 | ANSWER 203 OF 214 USPATFULL on STN   |          |
| TI | Anti-reflective coatings comprising light metal fluorides  |          |
| PI | US 5208101   | 19930504 |
| L4 | ANSWER 204 OF 214 USPATFULL on STN   |          |
| TI | Process for etching  |          |
| PI | US 5110408   | 19920505 |
| L4 | ANSWER 205 OF 214 USPATFULL on STN   |          |
| TI | Process for the preparation of polyurethane rigid foams having a low   |          |



thermal conductivity and their use  
PI US 5096933 19920317

L4 ANSWER 206 OF 214 USPATFULL on STN  
TI Production of ion beams by chemically enhanced sputtering of solids  
PI US 5089746 19920218

L4 ANSWER 207 OF 214 USPATFULL on STN  
TI Process for restoring deactivated catalysts  
PI US 4937215 19900626

L4 ANSWER 208 OF 214 USPATFULL on STN  
TI Process for protecting electrochemical sensors from biofouling in an aquatic environment  
PI US 4763537 19880816

L4 ANSWER 209 OF 214 USPATFULL on STN  
TI Aerosol waterproof sunscreen compositions  
PI US 4686099 19870811

L4 ANSWER 210 OF 214 USPATFULL on STN  
TI Preparation of non-flammable aerosol propellant microemulsion system  
PI US 4655959 19870407

L4 ANSWER 211 OF 214 USPATFULL on STN  
TI Non-flammable aerosol propellant microemulsion system  
PI US 4536323 19850820

L4 ANSWER 212 OF 214 USPATFULL on STN  
TI Gas for selectively etching silicon nitride and process for selectively etching silicon nitride with the gas  
PI US 4529476 19850716

L4 ANSWER 213 OF 214 USPATFULL on STN  
TI Hydrotreating vacuum gas oils with catalyst and added organic fluorine compound  
PI US 4420388 19831213

L4 ANSWER 214 OF 214 USPATFULL on STN  
TI HYDROCRACKING CATALYST ACTIVATION TREATMENT  
PI US 3673108 19720627